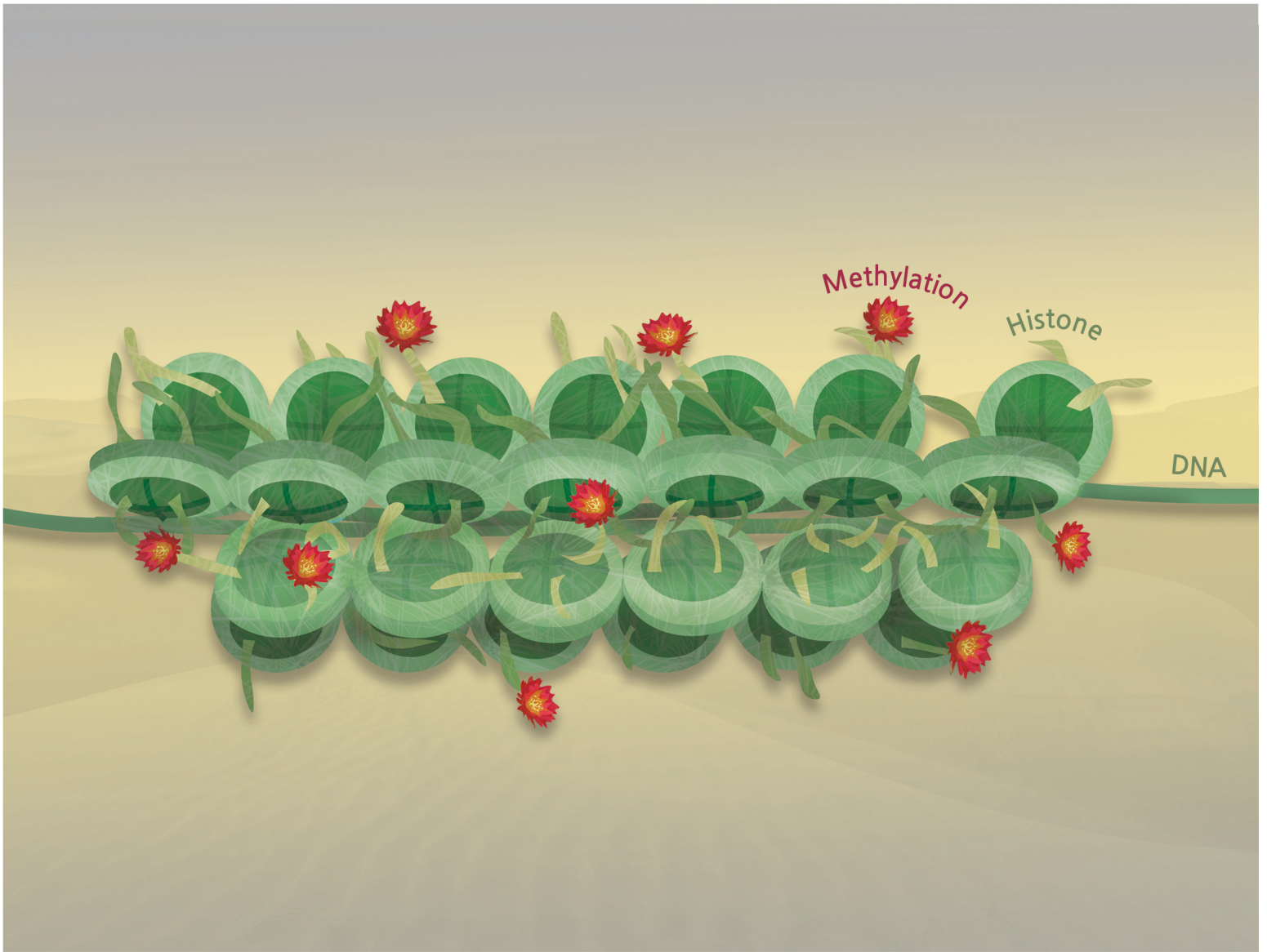


EPIGENETICS

Enzymes | Kits | Screening & Profiling | Custom Services

INNOVATIVE PRODUCTS
TO FUEL YOUR
RESEARCH





Unique Expert Portfolio

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BPS Bioscience Advantages

Scientist Founded, Scientist Driven



Produced In-house

- Made in the USA at our San Diego, California laboratory
- Get customized, personal support directly from the source



Expansive Portfolio

- Recombinant, assay ready proteins: >500 active epigenetic proteins including complexes
- > 200 epigenetic inhibitor screening assays
- Substrates - histones, octamers, nucleosomes, & biotinylated versions
- Full HDAC and sirtuin suite
- Most extensive DNMT offering on the market



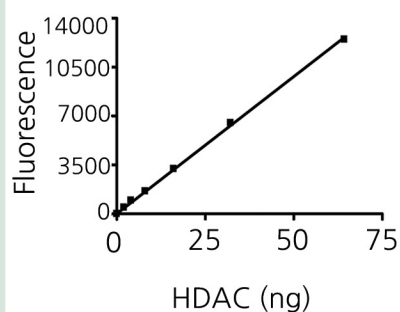
Expression & Screening Services

- Screening & Profiling: >70 biochemical assays to screen your compounds of interest
- Protein Expression: Multiple tags, hosts, species, and customizable QC

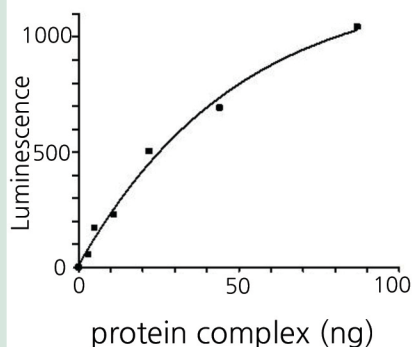
Recombinant Proteins

Highly Pure & Active

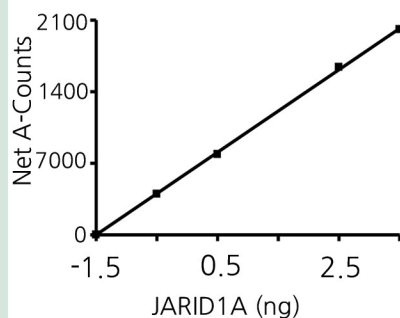
HDAC6, GST-Tag
(Sf9-Derived)
Specific Activity



EZH2/EED/SUZ12/
RbAp48/AEBP2, FLAG-tag,
His-Tag Activity

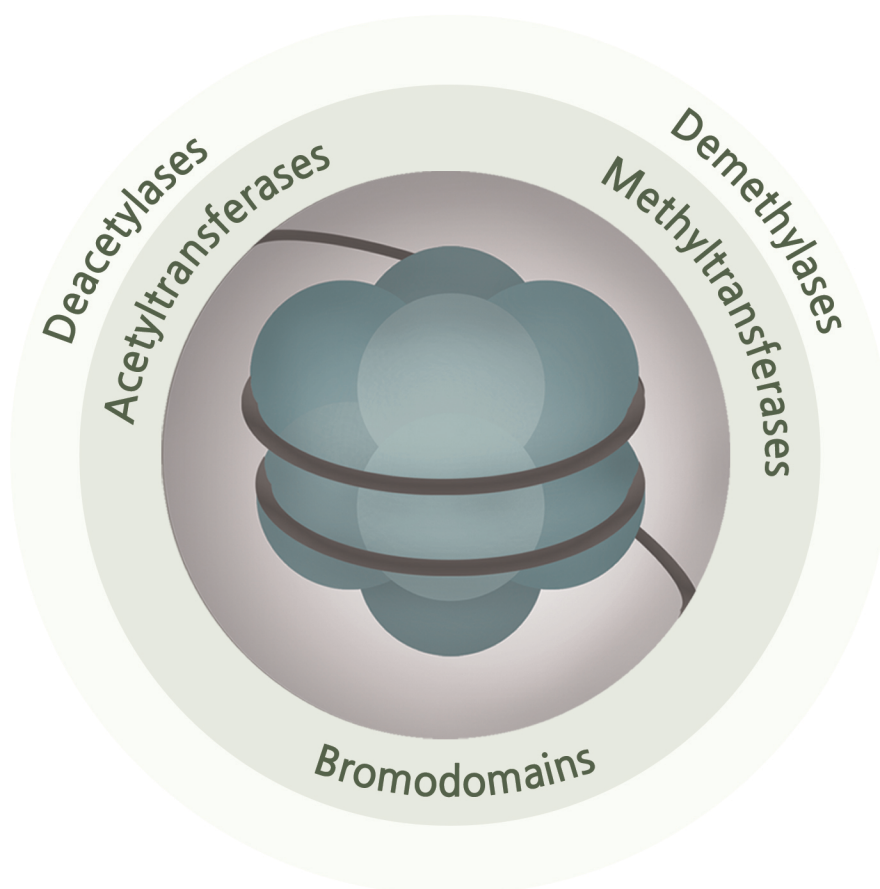


JARIDIA His-Avi-Tag,
FLAG Tag Activity



HiP Proteins™ = High Purity and Low Aggregation

- Verified via FPLC to guarantee proteins are <10% aggregated
- Ideal for studying enzyme activity, ligand binding, protein folding, and more
- Human, mouse, & monkey versions
- Full length and catalytic domains
- Multiple tagged versions including GST, FLAG, His, & Streptavidin
- Active enzymes
- Protein Complexes
- Protein Mutants
- Options for bulk production & scale up



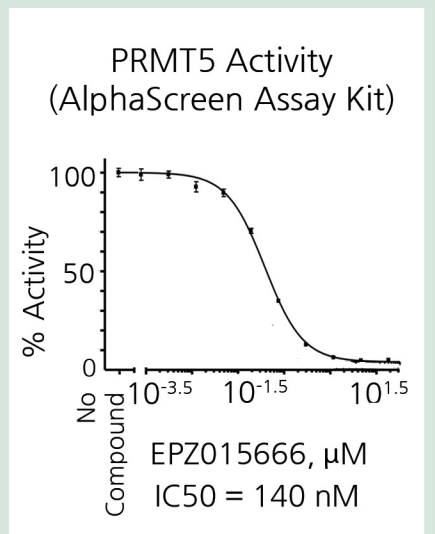
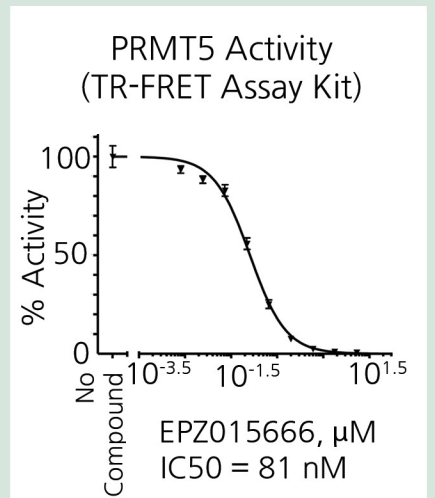
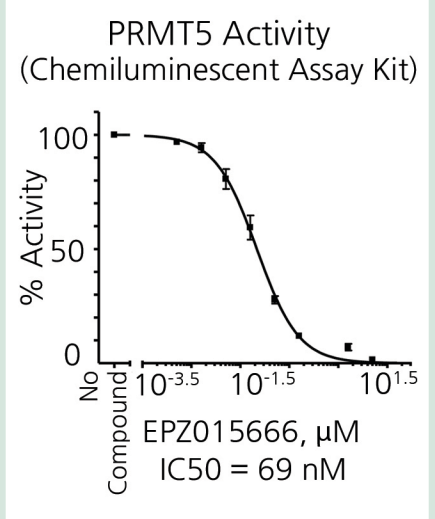
Assay Kits

Biochemical Assays for Drug Discovery

Our assay kits are offered in four key formats. Through orthogonal testing, you can confirm results which are closer to the target's physiological conditions. Test your target in the assay kits which best fit your research needs, or have us develop a custom assay for you.

AlphaScreen
Chemiluminescent
Fluorescence-Polarization
TR-FRET

██████████	██████████	██████████	██████████	Study enzyme kinetics
██████████	██████████	██████████	██████████	Screen small molecule inhibitors
██████████	██████████	██████████	██████████	Sensitive and robust
██████████	██████████	██████████	██████████	Binding assay kits
██████████	██████████	██████████	██████████	Enzymatic assay kits
██████████	██████████	██████████	██████████	Low intra and inter assay variability
██████████	██████████	██████████	██████████	Compatible with broad range of assay conditions
██████████	██████████	██████████	██████████	Low background signal
██████████	██████████	██████████	██████████	Useful for orthogonal testing
██████████	██████████	██████████	██████████	Homogeneous
██████████	██████████	██████████	██████████	High throughput screening
██████████	██████████	██████████	██████████	Broad dynamic range
██████████	██████████	██████████	██████████	Read time flexibility
██████████	██████████	██████████	██████████	Long signal stability



Screening & Profiling

Biochemical Screening Methods

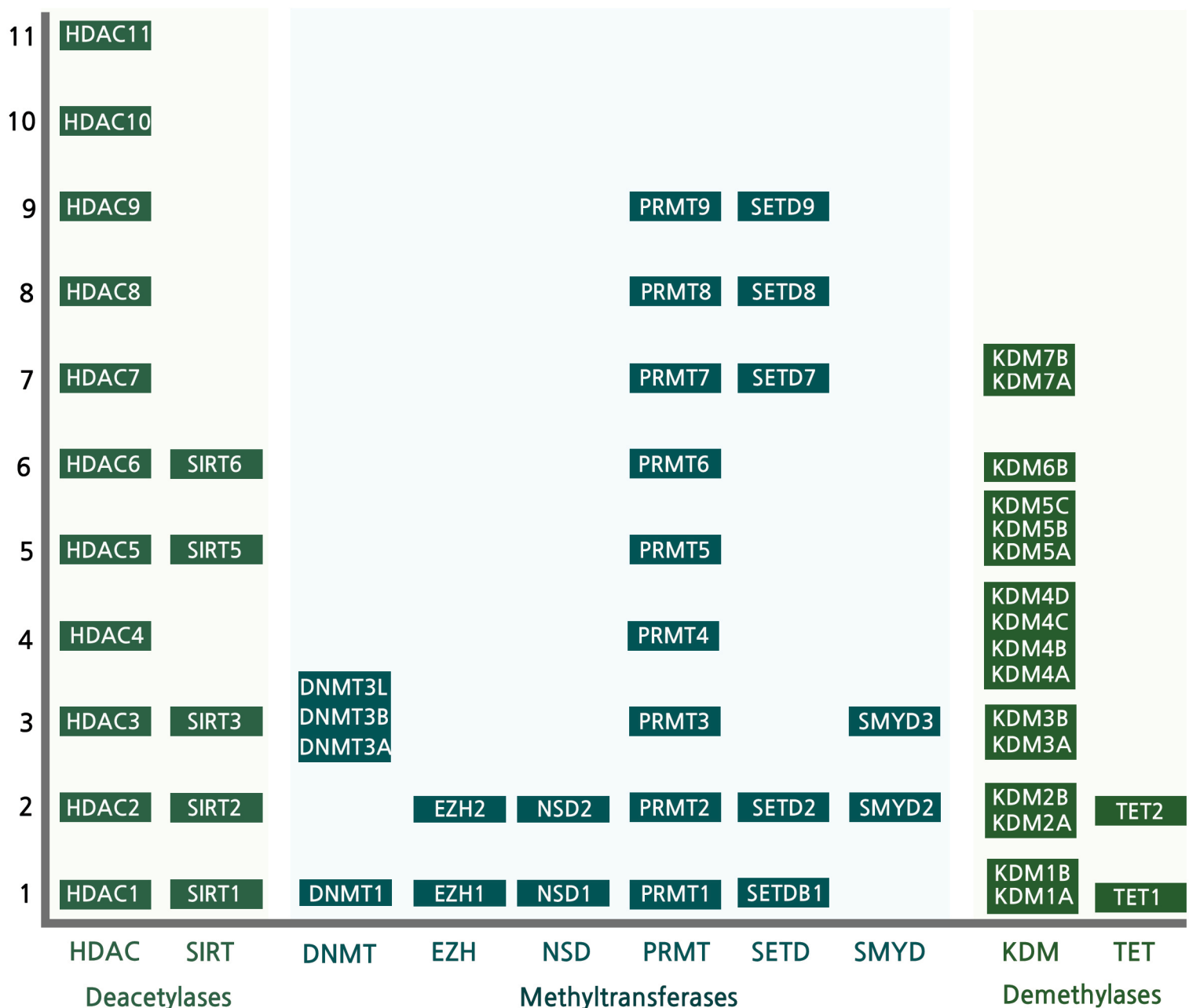
Evaluate Lead Compounds

- Portfolio of >40 validated assays for potency and selectivity determination
- Mutant panels and complexed proteins also available
- Utilize our extensive panel of assays for biochemical screening and profiling services

Get Detailed Results

- Extensive report with raw and analyzed data, graphs, and detailed protocols

Key Targets



Acetyltransferases, Bromodomains

Product Listing

Acetyltransferases	Catalog#	Size
10x HAT Assay Buffer	50095	20 ml
AICAR	27049	25 mg
ATAT1, GST-tag	50072	50 µg
C646	27613-1	10 mg
C646	27613-2	50 mg
GCN5 (KAT2A), FLAG-tag	50074	50 µg
GCN5 Chemiluminescent Assay Kit	50079L	96 reactions
HAT Stop Solution	50096	20 ml
KAT5 (TIP60), GST-Tag	79422	10 µg
p300 (KAT3B), His-GST-tag	50071	50 µg
P300 Chemiluminescent Assay Kit	79705	96 reactions

Bromodomains	Catalog#	Size
(+)-JQ1	27401	1 mg
(+)-JQ1	27400	10 mg
(+)-JQ1	27402	5 mg
(-)-JQ1	27335	25 mg
(-)-JQ1	27334	5 mg
3x BRD Homogeneous Assay Buffer 1	33001	10 ml
3x BRD Homogeneous Assay Buffer 2	33007	10 ml
3x BRD Homogeneous Assay Buffer 3	33014	10 ml
3x BRD Homogeneous Detection Buffer 2	33006	10 ml
3x BRD Homogeneous Detection Buffer 3	33015	10 ml
3x BRD TR-FRET Assay Buffer 1	33012	10 ml
3x BRD TR-FRET Assay Buffer 2	33013	10 ml
3x Homogeneous BRD Detection Buffer 1	33002	10 ml
ASH1L, His-tag	31147	100 µg
ATAD2A Inhibitor Screening Assay Kit	32601	384 reactions
ATAD2A TR-FRET Assay Kit	32618	384 reactions
ATAD2A, GST-tag	31121	100 µg
ATAD2A, His-tag	31109	100 µg
ATAD2B (KIAA1240), GST-tag	31125	100 µg

Bromodomains	Catalog#	Size
ATAD2B (KIAA1240), His-tag	31117	100 µg
ATAD2B Inhibitor Screening Assay Kit	32605	384 reactions
ATAD2B TR-FRET Assay Kit	32620	384 reactions
BAZ1A, GST-tag	31136	100 µg
BAZ1B, GST-tag	31137	100 µg
BAZ1B, His-tag	31145	100 µg
BAZ2B Inhibitor Screening Assay Kit	32600	384 reactions
BAZ2B, His-tag	31113	100 µg
BET Bromodomain Ligand	33000	0.5 ml @ 20 µM
BPTF/FALZ TR-FRET Assay Kit	32632	384 reactions
BRD1 Inhibitor Screening Assay Kit	32521	384 reactions
BRD1 TR-FRET Assay Kit	32625	384 reactions
BRD1, GST-tag	31011	100 µg
BRD1, His-tag	31010	100 µg
BRD2 (BD1), GST-tag	31021	100 µg
BRD2 (BD1), His-tag	31022	100 µg
BRD2 (BD1+BD2) TR-FRET Assay Kit	32614	384 reactions
BRD2 (BD1+BD2), GST-tag	31024	100 µg
BRD2 (BD1+BD2), His-tag	31025	100 µg
BRD2 (BD2) Inhibitor Screening Assay Kit	32522	384 reactions
BRD2 (BD2), GST-tag	31023	100 µg
BRD2 (BD2), His-tag	31020	100 µg
BRD3 (BD1) Inhibitor Screening Assay Kit	32513	384 reactions
BRD3 (BD1), GST-tag	31032	100 µg
BRD3 (BD1), His-tag	31030	100 µg
BRD3 (BD1+BD2) TR-FRET Assay Kit	32615	384 reactions
BRD3 (BD1+BD2), GST-tag	31035	100 µg
BRD3 (BD1+BD2), His-tag	31034	100 µg
BRD3 (BD2) Inhibitor Screening Assay Kit	32523	384 reactions
BRD3 (BD2), GST-tag	31033	100 µg
BRD3 (BD2), His-tag	31031	100 µg
BRD4 (BD1) Inhibitor Screening Assay Kit	32514	384 reactions

Bromodomains

Product Listing

Bromodomains	Catalog#	Size	Bromodomains	Catalog#	Size
BRD4 (BD1) TR-FRET Assay Kit	32613	384 reactions	CECR2 Inhibitor Screening Assay Kit	32611	384 reactions
BRD4 (BD1), GST-tag	31040	100 µg	CECR2 TR-FRET Assay Kit	32622	384 reactions
BRD4 (BD1), His-tag	31042	100 µg	CECR2, GST-tag	31138	100 µg
BRD4 (BD1+BD2)	31047	100 µg	CECR2, His-tag	31046	100 µg
BRD4 (BD1+BD2) TR-FRET Assay Kit	32612	384 reactions	CHS-828	27333	25 mg
BRD4 (BD1+BD2), GST-tag	31044	100 µg	CREBBP (KAT3A), GST-tag	31128	100 µg
BRD4 (BD1+BD2), His-tag	31045	100 µg	CREBBP (KAT3A), His-tag	31119	100 µg
BRD4 (BD2) Inhibitor Screening Assay Kit	32524	384 reactions	CREBBP Inhibitor Screening Assay Kit	32607	384 reactions
BRD4 (BD2) TR-FRET Assay Kit	32617	384 reactions	CREBBP TR-FRET Assay Kit	32619	384 Reactions
BRD4 (BD2), GST-tag	31041	100 µg	FALZ (BPTF), GST-tag	31134	100 µg
BRD4 (BD2), His-tag	31043	100 µg	FALZ (BPTF), His-tag	31131	100 µg
BRD9 (BD1) Inhibitor Screening Assay Kit	32519	384 reactions	GCN5 (727-837), His-tag	31114	100 µg
BRD9 TR-FRET Assay Kit	32621	384 reactions	I-BET-762	27630-1	5 mg
BRD9, GST-tag	31091	100 µg	I-BET-762	27630-2	10 mg
BRD9, His-tag	31090	100 µg	I-BET151 (GSK1210151A)	27629-2	10 mg
BRDT (BD1), GST-tag	31108	100 µg	I-BET151 (GSK1210151A)	27629-3	50 mg
BRDT (BD1), His-tag	31101	100 µg	I-BET151 (GSK1210151A)	27629-1	5 mg
BRDT (BD1+BD2) TR-FRET Assay Kit	32616	384 reactions	I-CBP112 (Hydrochloride)	27336	5 mg
BRDT (BD1+BD2), GST-tag	31061	100 µg	OTX-015	27636-1	5 mg
BRDT (BD2), GST-tag	31060	100 µg	OTX-015	27636-2	10 mg
BRDT (BD2), His-tag	31100	100 µg	OTX-015	27636-3	25 mg
Bromodomain Ligand 3	33008	0.5 ml @ 20 µM	P300 (1046-1163), His-tag	31118	100 µg
Bromodomain Ligand 4	33010	0.5 ml @ 20 µM	PB1 (BD4), His-tag	31122	100 µg
Bromodomain Non-Acetylated Ligand 1	33005	0.5 ml @ 20 µM	PB1 (BD6), His-tag	31133	100 µg
Bromodomain Non-Acetylated Ligand 2	33004	0.5 ml @ 20 µM	PCAF (KAT2B), His-tag	31120	100 µg
Bromodomain Non-Acetylated Ligand 3	33009	0.5 ml @ 20 µM	PFI-1	27332	25 mg
Bromodomain Non-Acetylated Ligand 4	33011	0.5 ml @ 20 µM	PHIP (BD1), GST-tag	31142	100 µg
Bromosporine	27612	1 mg	PHIP (BD1), His-tag	31140	100 µg
BRPF1, His-tag	31112	100 µg	RediSolution™ (+)-JQ1	27403	1 mg
BRPF3 Inhibitor Screening Assay Kit	32608	384 reactions	RVX-208	27111	5 mg
BRPF3 TR-FRET Assay Kit	32626	384 reactions	SGC-CBP30	27650-2	50 mg
BRPF3, GST-tag	31130	100 µg	SGC-CBP30	27650-1	10 mg

Bromodomains, Deacetylases

Product Listing

Bromodomains	Catalog#	Size
SMARCA2 Inhibitor Screening Assay Kit	32610	384 reactions
SMARCA2 TR-FRET Assay Kit	40342	384 reactions
SMARCA2, GST-tag	31141	100 µg
SMARCA2, His-tag	31111	100 µg
SMARCA2, His-Tag, Biotin-Labeled	31129	50 µg
SMARCA4 (BRG1), GST-tag	31132	100 µg
SMARCA4 (BRG1), His-tag	31102	100 µg
SMARCA4/BRG1 Inhibitor Screening Assay Kit	32609	384 reactions
SMARCA4/BRG1 TR-FRET Assay Kit	40341	384 reactions
TAF1 (BD1), His-tag	31123	100 µg
TAF1 (BD1+BD2) TR-FRET Assay Kit	32628	384 reactions
TAF1 (BD1+BD2), GST-tag	31124	100 µg
TAF1 (BD1/BD2) Inhibitor Screening Assay Kit	32604	384 reactions
TAF1 (BD2) Inhibitor Screening Assay Kit	32624	384 reactions
TAF1 (BD2) TR-FRET Assay Kit	32627	384 reactions
TAF1 (BD2), GST-tag	31126	100 µg
TAF1 (BD2), His-tag	31110	100 µg
TAF1L (BD1), GST-tag	31105	100 µg
TAF1L (BD1), His-tag	31103	100 µg
TAF1L (BD1+BD2) TR-FRET Assay Kit	32629	384 reactions
TAF1L (BD1+BD2), GST-tag	31107	100 µg
TAF1L (BD1/BD2) Inhibitor Screening Assay Kit	32603	384 reactions
TAF1L (BD2) Inhibitor Screening Assay Kit	32602	384 reactions
TAF1L (BD2), GST-tag	31106	100 µg
TAF1L (BD2), His-tag	31104	100 µg
TRIM24 (TIF1), GST-tag	31127	100 µg
TRIM24 (TIF1), His-tag	31116	100 µg
TRIM24 Inhibitor Screening Assay Kit	32606	384 reactions
TRIM24 TR-FRET Assay Kit	32630	384 reactions
TRIM28, GST-tag	31139	100 µg
TRIM28, His-tag	31146	100 µg
WDR9/BRWD1 (BD2), GST-tag	31135	100 µg

Bromodomains	Catalog#	Size
WDR9/BRWD1 (BD2), His-tag	31115	100 µg
WDR9/BRWD1 TR-FRET Assay Kit	32631	384 reactions
ZMYND11, GST-tag	31144	100 µg
ZMYND8, GST-tag	31143	100 µg

Deacetylases	Catalog#	Size
4-iodo-SAHA	27205	50 mg
AGK2	27228	5 mg
Apicidin	27329	10 mg
AR-42 (OSU-HDAC42)	27603-1	5 mg
AR-42 (OSU-HDAC42)	27603-2	10 mg
AR-42 (OSU-HDAC42)	27603-3	50 mg
Belinostat (PXD101)	27608-2	50 mg
Belinostat (PXD101)	27608-3	100 mg
Belinostat (PXD101)	27608-1	10 mg
CBHA	27204	5 mg
Chidamide	27202	1 mg
CI-994	27021	50 mg
CUDC-907	27616-3	50 mg
CUDC-907	27616-1	5 mg
CUDC-907	27616-2	10 mg
Droxinostat	27620-1	10 mg
Droxinostat	27620-2	25 mg
EX527	27103	1 mg
Fluorogenic HDAC class 2a substrate	50040	250 nmole
Fluorogenic HDAC class 2a substrate 2 (green)	50042	250 nmole
Fluorogenic HDAC Substrate 2 (Green fluorescence)	50038	250 nmole
Fluorogenic HDAC substrate 3	50037	250 nmole
Fluorogenic HDAC/SIRT substrate 1	50032	500 nmole
Fluorogenic Sirtuin 5 Substrate	50126	250 nmole
Fluorogenic Sirtuin 6 Substrate	50866	50 µl
HC Toxin	27209	500 µg

Deacetylases

Product Listing

Deacetylases	Catalog#	Size	Deacetylases	Catalog#	Size
HDAC Assay Buffer	50031	20 ml	HDAC6, GST-Tag (Mouse)	50057	50 µg
HDAC class 2a Fluorogenic Assay Kit	50041	96 reactions	HDAC6, GST-tag (Sf9-derived)	50006	50 µg
HDAC developer (2X)	50030	6 ml	HDAC7 Fluorogenic Assay Kit	50067	96 reactions
HDAC Fluorogenic Assay Kit	50033	96 reactions	HDAC7, GST-tag	50007	5 µg 10 µg 25 µg
HDAC Fluorogenic Assay Kit (Green)	50034	96 reactions	HDAC8 Fluorogenic Assay Kit	50068	96 reactions
HDAC1 Fluorogenic Assay Kit	50061	96 reactions	HDAC8, His-tag	50008	50 µg
HDAC1 Kinetic Assay Kit	53001	96 reactions	HDAC9 Fluorogenic Assay Kit	50069	96 reactions
HDAC1, FLAG-tag, His-tag	50051	50 µg	HDAC9, His-tag	50009	10 µg
HDAC1, His-Tag, FLAG-Tag (Mouse)	50058	50 µg	HNHA	27206	10 mg
HDAC10, FLAG-tag	50060	50 µg	ITF 2357	27327	10 mg
HDAC11	50021	10 µg	JNJ-26481585	27632-2	10 mg
HDAC11 Fluorogenic Assay Kit	50687	96 reactions	JNJ-26481585	27632-3	50 mg
HDAC11, GST-tag	50011	50 µg	JNJ-26481585	27632-1	5 mg
HDAC2 Fluorogenic Assay Kit	50062	96 reactions	Kaempferol	27757	20 mg
HDAC2 Kinetic Assay Kit	53002	96 reactions	Kinetic HDAC Assay Developer	53029	1 ml
HDAC2, FLAG-tag	50052	50 µg	LAQ824 (NVP-LAQ824,Dacinostat)	27760-1	10 mg
HDAC2, His-tag	50002	50 µg	LAQ824 (NVP-LAQ824,Dacinostat)	27760-2	50 mg
HDAC3 Fluorogenic Assay Kit	50073	96 reactions	LpxC (E. coli)	11128	20 µg
HDAC3 Kinetic Assay Kit	53003	96 reactions	M344	27203	5 mg
HDAC3/NcoR2, His-Tag, GST-Tag	50003	50 µg	MC1568	27761-1	10 mg
HDAC4 Fluorogenic Assay Kit	50064	96 reactions	MC1568	27761-2	25 mg
HDAC4, GST-Tag	100339	10 µg	Mocetinostat	27019	10 mg
HDAC4, GST-tag, His-tag	50004	10 µg	MS-275 (Entinostat)	27011	25 mg
HDAC5 (full length), GST-tag	50045	5 µg	NcoR2 (SMRT), GST-tag	50020	50 µg
HDAC5 Fluorogenic Assay Kit	50065	96 reactions	Oxamflatin	27201	1 mg
HDAC5, Catalytic Domain, His-tag	50005	10 µg	Oxamflatin	27326	10 mg
HDAC5, GST-Tag, His-Tag	100102	5 µg	Panobinostat	27020	10 mg
HDAC6 (H216A), GST-tag	50046	50 µg	Parthenolide	27768-1	250 mg
HDAC6 (H611A), GST-tag	50066	50 µg	Parthenolide	27768-2	50 mg
HDAC6 Fluorogenic Assay Kit	50076	96 reactions 384 reactions	PCI 34051	27316	50 mg
HDAC6, FLAG-tag	50056	50 µg	PCI-24781 (CRA-024781)	27769-3	5 mg
HDAC6, GST-Tag (HEK293-derived)	100051	50 µg	PCI-24781 (CRA-024781)	27769-1	10 mg

Deacetylases, Demethylases

Product Listing

Deacetylases	Catalog#	Size	Deacetylases	Catalog#	Size
PCI-24781 (CRA-024781)	27769-2	50 mg	Sirtuin 6, GST-tag	50017	100 µg
pf-HDAC1, Malaria, His-tag, FLAG-tag	50063	20 µg	Sirtuin 7, FLAG-tag	50018	100 µg
Pracinostat (SB939)	27771-1	10 mg	Sirtuin Assay Buffer	50090	20 ml
Pracinostat (SB939)	27771-2	5 mg	Sirtuin Developer (2X)	50089	6 ml
Pracinostat (SB939)	27771-3	50 mg	Sodium Phenylbutyrate	27654	100 mg
Pyroxamide	27328	50 mg	Splitomicin	27330	25 mg
Resveratrol	27642-3	500 mg	SRT1720	27655-3	50 mg
RGFP966	27643-2	25 mg	SRT1720	27655-1	5 mg
RGFP966	27643-3	100 mg	SRT1720	27655-2	10 mg
RGFP966	27643-1	5 mg	Suberohydroxamic Acid (SBHA)	27210	100 mg
Rocilinostat (ACY-1215)	27644-3	50 mg	Tenovin-1	27660-1	25 mg
Rocilinostat (ACY-1215)	27644-1	5 mg	Tenovin-1	27660-2	50 mg
Rocilinostat (ACY-1215)	27644-2	10 mg	Tenovin-1	27660-3	100 mg
Romidepsin (FK228, depsipeptide)	27646-1	1 mg	Tenovin-6	27661-1	1 mg
Romidepsin (FK228, depsipeptide)	27646-2	5 mg	Tenovin-6	27661-2	5 mg
SAHA (Vorinostat)	27006	500 mg	Tenovin-6	27661-3	10 mg
Salermide	27324	50 mg	Trichostatin A (TSA)	27102	5 mg
SB 939	27331	25 mg	Tubacin	27662	1 mg
Scriptaid	27200	1 mg	Tubastatin A	27663-1	10 mg
SIRT1 (Sirtuin1) Fluorogenic Assay Kit	50081	96 reactions	Tubastatin A	27663-2	50 mg
SIRT1/2 Inhibitor IV	27323	25 mg	Tubastatin A	27663-3	100 mg
SIRT2 (Sirtuin2) Fluorogenic Assay Kit	50087	32 reactions	Tubastatin A hydrochloride	27108	10 mg
SIRT3 (Sirtuin3) Fluorogenic Assay Kit	50088	32 reactions	Valproic Acid	27207	10 g
SIRT5 (Sirtuin5) Fluorogenic Assay Kit	50085	96 reactions			
Sirtinol	27652-2	25 mg	Demethylases	Catalog#	Size
Sirtinol	27652-1	5 mg	4x DMT Detection Buffer 1	52301	10 ml
Sirtuin 1 (193-741), GST-tag	50012	100 µg	4x HDM Assay Buffer 1	52406	10 ml
Sirtuin 2, His-tag	50013	100 µg	4x HDM Assay Buffer 2	52407	10 ml
Sirtuin 3, GST-tag	50014	100 µg	4x HDM Assay Buffer 3	52408	10 ml
Sirtuin 4, GST-tag	50015	100 µg	4x HDM Assay Buffer 4	52409	10 ml
Sirtuin 5, GST-tag	50016	100 µg	4x HDM Incomplete Assay Buffer	52410	10 ml
Sirtuin 6 Fluorogenic Assay Kit	50022	96 reactions	ALKBH5 Chemiluminescent Assay Kit	79659	96 reactions

Demethylases

Product Listing

Demethylases	Catalog#	Size	Demethylases	Catalog#	Size
ALKBH5, FLAG-Tag	100057	20 µg	JARID1A (KDM5A), His-Avi-tags, FLAG-tag	50155	20 µg
Anti-Dimethyl Histone H3 (Lys27) Monoclonal, Primary Antibody 6	52140F	25 µl	JARID1B (KDM5B) Chemiluminescent Assay Kit	50517	96 reactions
Anti-JMJD1A, Primary Antibody 17	52140Q	25 µl	JARID1B (KDM5B) Homogeneous Assay Kit	50512	96 reactions 384 reactions
Anti-JMJD2, Primary Antibody 5	52140E	40 µl	JARID1B (KDM5B) TR-FRET Assay Kit	50514	384 reactions
Biotinylated Histone H3 Peptide Substrate	79656	500 reactions	JARID1B (KDM5B), Full Length, FLAG-tag	50128	20 µg
Blocking Buffer 1 (Multiple Epigenetics Assay Kits)	79556	50 ml	JARID1B (KDM5B, PLU-1), His-FLAG-tags	50121	20 µg
Blocking Buffer 4 (Multiple Epigenetics Assay Kits)	52100	50 ml	JARID1C (KDM5C) Homogeneous Assay Kit	50511	96 reactions 384 reactions
FBXL10 (KDM2B) Chemiluminescent Assay Kit	50157	96 reactions	JARID1C(KDM5C), FLAG-tag	50112	20 µg
FBXL10 (KDM2B) Homogeneous Assay Kit	50610	96 reactions 384 reactions	JHDM1D (KDM7A) Chemiluminescent Assay Kit	50612	96 reactions
FBXL10 (KDM2B, JHDM1B), FLAG-tag	50120	20 µg	JHDM1D (KDM7A) Homogeneous Assay Kit	50420	96 reactions 384 reactions
FBXL11 (KDM2A) Homogeneous Assay Kit	50611	96 reactions 384 reactions	JHDM1D (KDM7A), FLAG-tag	50419	20 µg
FBXL11 (KDM2A, JHDM1A), FLAG-Avi-tags	50156	20 µg	JMJD1A (KDM3A), FLAG-tag	50130	20 µg
FTO , His-Tag	79306	100 µg	JMJD1A Homogeneous Assay Kit	50412	96 reactions 384 reactions
FTO Chemiluminescent Assay Kit	79344	96 reactions	JMJD1B (KDM3B), FLAG-tag	50421	20 µg
FTO, His-Tag (Sf9 derived)	79480	20 µg	JMJD1B Homogeneous Assay Kit	79839	384 reactions
GSK J4 HCl	27627-1	10 mg	JMJD2A (KDM4A) Homogeneous Assay Kit	50413	384 reactions
GSK J4 HCl	27627-2	50 mg	JMJD2A(KDM4A) (1-350), His-tag	50123	100 µg
H3K4me1 Substrate	50101	500 µl	JMJD2B (KDM4B), GST-tag	50111	100 µg
H3K4me2 Substrate	50158	500 µl	JMJD2B Homogeneous Assay Kit	50414	96 reactions 384 reactions
Histone H3 K27cMe1, Full Length, His-tag	52081	100 µg	JMJD2B(KDM4B) , FLAG-tag	50104	100 µg
Histone H3 K27cMe2, Full Length, His-tag	52082	100 µg	JMJD2C (KDM4C) Chemiluminescent Assay Kit	50405	96 reactions
Histone H3 K27cMe3, Full Length, His-tag	52083	100 µg	JMJD2C (KDM4C) Homogeneous Assay Kit	50415	96 reactions 384 reactions
Histone H3 peptide (1-21), Dimethyl K9, Biotin-labeled	50351	500 µl	JMJD2C, GST-Tag	50105	100 µg
Histone H3 peptide (1-21), Monomethyl K9, Biotin-labeled	50353	500 µl	JMJD2D (KDM4D) Chemiluminescent Assay Kit	50418	96 reactions
Histone H3 peptide (1-21), Trimethyl K9, Biotin-labeled	50350	500 µl	JMJD2D (KDM4D), GST-tag	50117	100 µg
Histone H3-H4 Tetramer H3K27cMe2, His-tag	52086	50 µg	JMJD2D Homogeneous Assay Kit	79838	384 reactions
Histone H3-H4 Tetramer H3k27cMe3, His-tag	52087	50 µg	JMJD2E (KDM4DL) Homogeneous Assay Kit	50417	384 reactions
Histone Octamer H3K27cMe2, His-tag	52090	50 µg	JMJD2E (KDM4DL), GST-tag	50118	100 µg
Histone Octamer H3K27cMe3, His-tag	52091	50 µg	JMJD3 (KDM6B) Chemiluminescent Assay Kit	50406	96 reactions
JARID1A (KDM5A) Chemiluminescent Assay Kit	50513	96 reactions	JMJD3 (KDM6B) Homogeneous Assay Kit	50416	96 reactions 384 reactions
JARID1A (KDM5A) Homogeneous Assay Kit	50510	96 reactions 384 reactions	JMJD3 (KDM6B), FLAG-tag	50115	20 µg
JARID1A (KDM5A), FLAG-tag	50110	20 µg	JMJD6, GST-tag	50140	20 µg

Demethylases, Methyltransferases

Product Listing

Demethylases	Catalog#	Size	Methyltransferases	Catalog#	Size
LSD1 (KDM1A) Chemiluminescent Assay Kit	50109	96 reactions	3-Deazaneplanocin A (DZNep) hydrochloride	27618-1	5 mg
LSD1 (KDM1A) Homogeneous Assay Kit	50108	384 reactions	3-Deazaneplanocin A (DZNep) hydrochloride	27618-2	10 mg
LSD1 (KDM1A), Variant 2	50097	50 µg	400 µM S-Adenosylmethionine	52120	250 µL
LSD1 (KDM1A), Variant 2, GST-tag	50100	50 µg	4x Detection Buffer	79389	10 ml
LSD2 (KDM1B), GST-Tev-Tag	50124	20 µg	4x DNMT Assay Buffer 1	52200	30 ml
LSD2(KDM1B) Homogeneous Assay Kit (Dimethyl)	50614	384 reactions	4x DNMT Assay Buffer 2	52201	30 ml
LSD2(KDM1B) Homogeneous Assay Kit (Monomethyl)	50613	384 reactions	4x HMT Assay Buffer 1	52160-A	30 ml
Mouse JARID1B (KDM5B, PLU-1), FLAG-tag	50122	20 µg	4x HMT Assay Buffer 1	52160	30 ml
OG-L002	27635-1	5 mg	4x HMT Assay Buffer 2	52170	30 ml
OG-L002	27635-2	25 mg	4x HMT Assay Buffer 2A	52170-A	30 ml
PHF8 (KDM7B) Homogeneous Assay Kit	50515	96 reactions 384 reactions	4x HMT Assay Buffer 3	52180	30 ml
PHF8 (KDM7B), (2-525), FLAG-tag	50131	20 µg	4x HMT Assay Buffer 4	52190	30 ml
PHF8 (KDM7B), Full-length, FLAG-tag	50132	20 µg	4x HMT Assay Buffer 5	52191	30 ml
Posaconazole	27639-1	5 mg	4x HMT Assay Buffer 6	52192	30 ml
Posaconazole	27639-2	25 mg	4x HMT Assay Buffer 7	52193	30 ml
Primary Antibody 16-2	52140-P2	10 µl	AEBP2, His-tag	50281	50 µg
Secondary Anti-HRP-labeled Antibody 2	52131H	10 µl	AMI-1 (sodium salt)	27307	25 mg
TET1 Chemiluminescent Assay Kit	50651	96 reactions	Anti- Adenosyl Homocysteine Antibody	52030	1 ml
TET1, FLAG-tag	50161	10 µg 50 µg	Anti-Dimethyl Histone H3 (Lys27) Monoclonal, Primary Antibody 6	52140F	25 µl
TET2 Chemiluminescent Assay Kit	50652	96 reactions	Anti-JMJD1A, Primary Antibody 17	52140Q	25 µl
TET2, FLAG-Tag, His-Tag (916-2002)	100408	50 µg	Anti-JMJD2, Primary Antibody 5	52140E	40 µl
TET2, FLAG-Tag, His-Tag (catalytic domain)	50162	50 µg	Ash2L, His-tag	71201	50 µg
TET3, FLAG-Tag, His-Tag	50163	50 µg	Azacytidine (Vidaza)	27107	50 mg
Tranylcypromine (2-PCPA)	27305	1 g	BIX01294 (hydrochloride hydrate)	27220	10 mg
UTX (KDM6A), C-term FLAG-tag	50116	20 µg	Blocking Buffer 1 (Multiple Epigenetics Assay Kits)	79556	50 ml
UTX (KDM6A), N-terminal FLAG-tag	50119	20 µg	Blocking Buffer 4 (Multiple Epigenetics Assay Kits)	52100	50 ml
UTX Chemiluminescent Assay Kit	50615	96 reactions	Chaetocin	27221	1 mg
UTX(KDM6A) Homogeneous Assay Kit	50516	384 reactions	Core Histone Octamers	52065	0.6 mg
			CoREST, His-tag	50274	100 µg
			CTPB	27050	1 mg
			DNMT Universal Chemiluminescent Assay Kit	52035	96 reactions
			DNMT1 Chemiluminescent Assay Kit	52050L	96 reactions

Methyltransferases	Catalog#	Size
3-Deazaneplanocin (DZNep)	27617-1	5 mg
3-Deazaneplanocin (DZNep)	27617-2	10 mg

Methyltransferases

Product Listing

Methyltransferases	Catalog#	Size	Methyltransferases	Catalog#	Size
DNMT1, GST-tag	51101	10 µg	EZH2 (A677G) Chemiluminescent Assay Kit	52077	96 reactions
DNMT1, His-FLAG-tags	51100	10 µg	EZH2 (A677G) Chemiluminescent Assay Kit	52070	384 reactions
DNMT2, GST-tag	51102	10 µg	EZH2 (A677G)/EED/SUZ12/RbAp48/AEBP2, His-tag	51037	20 µg
DNMT3A Chemiluminescent Assay Kit	52033	96 reactions	EZH2 (A677T)/EED/SUZ12/RbAp48/AEBP2, His-tag	51039	20 µg
DNMT3a, GST-tag	51103	10 µg	EZH2 (A687V)/EED/SUZ12/RbAp48/AEBP2, His-tag	51038	20 µg
DNMT3A/DNMT3L Complex, His-tag, GST-tag	51106	10 µg	EZH2 (A738T) /EED/SUZ12/RbAp48/AEBP2, FLAG-Tag, His-Tag	51061	20 µg
DNMT3B Chemiluminescent Assay Kit	52034	96 reactions	EZH2 (A738T) Chemiluminescent Assay Kit	52067	96 reactions
DNMT3B, His-tag, FLAG-tag (Mouse)	51105	10 µg	EZH2 (A738T) Chemiluminescent Assay Kit	79275	384 reactions
DNMT3B/DNMT3L Complex, GST-tag, His-tag	51109	10 µg	EZH2 (del153Y)/EED/SUZ12/RbAp48/AEBP2, FLAG, His-tag	51027	20 µg
DNMT3B/DNMT3L Complex, His-tag, GST-tag	51104	10 µg	EZH2 (E740K)/EED/SUZH12/RbAp48/AEBP2, FLAG-tag, His-tag	51032	20 µg
DOT1L (KMT4) Chemiluminescent Assay Kit	52202	96 reactions	EZH2 (F667I)/EED/SUZH12/RbAp48/AEBP2, FLAG-tag, His-tag	51035	20 µg
DOT1L (KMT4), GST-tag	51005	50 µg	EZH2 (H689Y)/EED/SUZ12/RbAp48/AEBP2, FLAG-tag, His-tag	51023	20 µg
EED, FLAG-tag	50280	50 µg	EZH2 (non-complexed), His-GST-tags	50279	20 µg
EHMT1 (GLP), GST-tag	51020	50 µg	EZH2 (P132S)/EED/SUZ12/RbAp48/AEBP2, FLAG-tag, His-tag	51019	20 µg
EHMT1/GLP Chemiluminescent Assay Kit	53007	96 reactions	EZH2 (R679C)/EED/SUZH12/RbAp48/AEBP2, FLAG-tag, His-tag	51033	20 µg
Ellagic acid	27219	100 mg	EZH2 (Y641C) /EED/SUZ12/RbAp48/AEBP2, His-tag	51029	20 µg
Entacapone	27621-1	10 mg	EZH2 (Y641F) /EED/SUZ12/RbAp48/AEBP2, His-tag	51017	20 µg
Entacapone	27621-2	100 mg	EZH2 (Y641F) Chemiluminescent Assay Kit	79276	384 reactions
EPZ-6438	27626-2	50 mg	EZH2 (Y641F) Chemiluminescent Assay Kit	52075	96 reactions
EPZ-6438	27626-3	100 mg	EZH2 (Y641H) /EED/SUZ12/RbAp48/AEBP2, His-tag	51011	20 µg
EPZ-6438	27626-1	20 mg	EZH2 (Y641N) /EED/SUZ12/RbAp48/AEBP2, His-tag, FLAG-tag	51028	20 µg
EPZ004777	27622	5 mg	EZH2 (Y641N) Chemiluminescent Assay Kit	52076	96 reactions
EPZ005687	27624-2	25 mg	EZH2 (Y641N) Chemiluminescent Assay Kit	79277	384 reactions
EPZ005687	27624-1	5 mg	EZH2 (Y641N) TR-FRET Assay Kit	52078	384 reactions
EPZ015666	79043-1	5 mg	EZH2 (Y641S) /EED/SUZ12/RbAp48/AEBP2, His-tag	51013	20 µg
EPZ015666	79043-2	25 mg	EZH2 / EED / SUZ12, His-tag, FLAG-tag	51003	50 µg
EPZ5676	27625-1	10 mg	EZH2 Chemiluminescent Assay Kit	52085	384 reactions
EPZ5676	27625-2	50 mg	EZH2 Chemiluminescent Assay Kit	52009L	96 reactions
EZH1 Chemiluminescent Assay Kit	52079	96 reactions	EZH2 Homogeneous Assay Kit	52059	384 reactions
EZH1 Chemiluminescent Assay Kit	52990	384 reactions	EZH2(Y641F) TR-FRET Assay Kit	52680	384 reactions
EZH1/EED/SUZ12, His-tag	51006	50 µg	EZH2-EED Binding Assay Kit	52066	384 reactions
EZH1/EED/SUZ12/RbAp48/AEBP2, His-tag	51007	50 µg	EZH2/EED, His-tag, FLAG-tag	51002	20 µg

Methyltransferases

Product Listing

Methyltransferases	Catalog#	Size	Methyltransferases	Catalog#	Size
EZH2/EED/SUZ12/RbAp48, His-tag, FLAG-tag	51099	50 µg	Histone H3-H4 Tetramer H3K27C Unmodified, His-tag	52084	50 µg
EZH2/EED/SUZ12/RbAp48/AEBP2, FLAG-tag, His-tag	51004	50 µg	Histone H3-H4 Tetramer H3K27cMe2, His-tag	52086	50 µg
EZH2/SUZ12/RbAp48, His-GST-tags, His-tag	51098	20 µg	Histone H3/H4 Tetramer (full length), His-tag	52064	50 µg
G9a (EHMT2), GST-tag (E. coli-derived)	51000	50 µg	Histone H4 (2-58), GST-tag	52019	500 µg
G9a (EHMT2), GST-tag (Sf9-derived)	51001	20 µg	Histone H4 peptide (1-21)	52014	160 nmole
G9a Chemiluminescent Assay Kit	52001L	96 reactions	Histone H4 peptide (1-21), Biotin-labeled	52018	80 nmole
G9a Homogeneous Assay Kit	52051	384 reactions	Histone H4 peptide (1-21), Dimethyl R3, Biotin-labeled	51200	500 µl
Histone H1, Full Length, His-tag	52043	100 µg	Histone H4, Full Length, His-tag	52028	100 µg
Histone H1, Full Length, His-tag	52042	1 mg	Histone H4, Full Length, His-tag	52024	1 mg
Histone H2a, Full Length, Biotin-labeled, His-tag	52049	50 µg	Histone Octamer (Full length)	52040	100 µg
Histone H2a, Full Length, Biotin-labeled, His-tag	52036	0.5 mg	Histone Octamer (full length), His-tag	52037	100 µg
Histone H2a, Full Length, His-tag	52025	100 µg	Histone Octamer H3K27C Unmodified, His-tag	52088	50 µg
Histone H2a, Full Length, His-tag	52021	1 mg	Histone Octamer H3K27cMe2, His-tag	52090	50 µg
Histone H2b, Full Length, His-tag	52026	100 µg	Histone Octamer, Biotin-labeled, His-tag	52061	50 µg
Histone H2b, Full Length, His-tag	52022	1 mg	Histone-H2A-(107-122)-Ac-OH	27628-1	1 mg
Histone H3	79055-2	1 mg	Histone-H2A-(107-122)-Ac-OH	27628-2	5 mg
Histone H3	79055-1	100 µg	MECP2, GST-tag	50250	50 µg
Histone H3 (2-58), GST-tag	52013	500 µg	Metnase (SETMAR), FLAG-tag	51018	20 µg
Histone H3 (K27M), His-tag	52101	100 µg	METTL3, FLAG-Tag	100055	10 µg
Histone H3 K27C, Full Length, His-tag	52080	100 µg	METTL3/METTL14 Complex Chemiluminescent Assay Kit	79614	96 Reactions
Histone H3 K27cMe1, Full Length, His-tag	52081	100 µg	METTL3/METTL14 Protein Complex, FLAG-Tag, His-Tag	100105	10 µg
Histone H3 K27cMe2, Full Length, His-tag	52082	100 µg	MLL1 Complex Chemiluminescent Assay Kit	53008	96 reactions
Histone H3 peptide (1-21)	52010	160 nmole	MLL1/WDR5/Ash2L/RbBP5 (MLL1/WAR Complex), His-tag	51022	50 µg
Histone H3 peptide (1-21), Biotin-labeled	52011	80 nmole	MLL1/WDR5/Ash2L/RbBP5/DPY30 (MLL1/WAR Complex), FLAG, His-tag	51021	50 µg
Histone H3 peptide (21-44)	52016	160 nmole	MLL3 Complex Chemiluminescent Assay Kit	79758	96 reactions
Histone H3 peptide (21-44), Biotin-labeled	52017	80 nmole	MLL3/WDR5/Ash2L/RbBP5/DPY30 Complex	100323	50 µg
Histone H3 Peptide (21-44), Monomethyl K27, Biotin-labeled	52020	40 nmole	MLL4 Complex Chemiluminescent Assay Kit	79757	96 reactions
Histone H3(K9) Universal Methyltransferase New Assay Kit	52072	96 reactions	Native nucleosome (HEK293-derived)	52015	0.6 mg
Histone H3, Full Length, Biotin-labeled, His-tag	52047	0.5 mg	Native Nucleosome (HeLa-derived)	52039	0.6 mg
Histone H3, Full Length, Biotin-labeled, His-tag	52053	50 µg	NNMT, His-Tag	11357	50 µg
Histone H3, Full Length, His-tag	52027	100 µg	NSD1 Chemiluminescent Assay Kit	53010	96 reactions
Histone H3, Full Length, His-tag	52023	1 mg	NSD1, GST-tag	51024	50 µg

Methyltransferases

Product Listing

Methyltransferases	Catalog#	Size	Methyltransferases	Catalog#	Size
NSD2 (catalytic domain), GST-tag	51026	50 µg	PRMT6 (HRMT1L6) Homogeneous Assay Kit	52056	384 reactions
NSD2 Chemiluminescent Assay Kit	79359	384 reactions	PRMT6, His-tag	51049	20 µg
NSD2 Chemiluminescent Assay Kit	53009	96 reactions	PRMT7 Homogeneous Assay Kit (Histone H2b)	79720	384 Reactions
NSD3 (1021-1322) (WHSC1L1), GST-tag	51036	50 µg	PRMT7, His-FLAG-tag	51054	20 µg
NSD3 Chemiluminescent Assay Kit	79358	384 reactions	PRMT8 Chemiluminescent Assay Kit	52062	96 reactions
NSD3 Chemiluminescent Assay Kit	53012	96 reactions	PRMT8 Homogeneous Assay Kit	52058	384 reactions
PRDM12, GST-tag	50320	50 µg	PRMT8, His-FLAG-tags	51052	20 µg
PRDM14, GST-tag	50321	50 µg	PRMT9 Homogeneous Assay Kit	52069	384 reactions
PRDM9 Chemiluminescent Assay Kit	79625	96 reactions	PRMT9, FLAG-Tag, His-Tag	79124	20 µg
PRDM9, GST-Tag	100078	50 µg	PRMT9, FLAG-Tag, Strep-Tag	52057	20 µg
Primary Antibody 4	52150	100 µl	Recombinant Nucleosome (E. coli-derived)	52038	100 µg
PRMT1 Chemiluminescent Assay Kit	52004L	96 reactions	Recombinant Nucleosome (E. coli-derived)	52333	1 mg
PRMT1 Homogeneous Assay Kit	52054	384 reactions	Recombinant Nucleosome (E. coli-derived), Biotin-labeled, His-tag	52048	20 µg
PRMT1, GST-tag (E. coli-derived)	51040	50 µg	S-adenosyl homocysteine	52031	250 µL
PRMT1, GST-tag (Sf9-derived)	51041	20 µg	S-adenosyl homocysteine, Fluorescein-labeled	52012	20 µl
PRMT2, FLAG-Tag	100471	10 µg	SAP145, GST-Tag	79111	20 µg
PRMT3 Chemiluminescent Assay Kit	52005L	96 reactions	Secondary Anti-HRP-labeled Antibody 2	52131H	10 µl
PRMT3 Homogeneous Assay Kit	52055	384 reactions	Set7/9 (Sf9), His-GST-tags	50019	50 µg
PRMT3, GST-tag	51043	50 µg	Set7/Set9, GST-tag (E. coli-derived)	51010	100 µg
PRMT4 (CARM1), FLAG-tag (HEK293-derived)	51047	20 µg	Set8, Active, GST-tag	51008	50 µg
PRMT4 Chemiluminescent Assay Kit	52041L	96 reactions	SETD2 Chemiluminescent Assay Kit	52060	96 reactions
PRMT4 Homogeneous Assay Kit	52068	384 reactions	SETD2, GST-tag	53019	50 µg
PRMT4 peptide substrate, Biotin-labeled	50352	40 µg	SetDB1 Chemiluminescent Assay Kit	51056	96 reactions
PRMT5 Chemiluminescent Assay Kit	52073	384 reactions	SetDB1, His-GST-tags	51055	20 µg
PRMT5 Chemiluminescent Assay Kit	52002L	96 reactions	SGC 946	27649-1	10 mg
PRMT5 Homogeneous Assay Kit	52052	384 reactions	SGC 946	27649-2	50 mg
PRMT5 TR-FRET Assay Kit	52171	384 reactions	SMYD2 (KMT3C) Chemiluminescent Assay Kit	51031	96 reactions
PRMT5, FLAG-Avi-Tag, Biotin-Labeled	79191	10 µg	SMYD2 (KMT3C), FLAG-tag	51014	20 µg
PRMT5/MEP50, Biotin-Labeled	52102	10 µg	SMYD3 (35-end), GST-tag	51015	20 µg
PRMT5/MEP50, FLAG-tag, His-tag (HEK293-derived)	51045	20 µg	SMYD3 (full length), FLAG-tag	51016	20 µg
PRMT5/MEP50, FLAG-tag, His-tag (Sf9-derived)	51048	20 µg	SMYD3 Homogeneous Assay Kit	52063	384 reactions
PRMT6 (HRMT1L6) Chemiluminescent Assay Kit	52046	96 reactions	SMYD4 Chemiluminescent Assay Kit	53013	96 reactions

Methyltransferases

Product Listing

Methyltransferases	Catalog#	Size
SMYD4, FLAG-tag	51057	20 µg
SUV39H1 Chemiluminescent Assay Kit	52006L	96 reactions
SUV39H1, GST-tag	51070	50 µg
SUV39H2 Activity Assay Kit	52008L	96 reactions
SUV39H2, GST-tag	51080	50 µg
SUV4-20H1 Chemiluminescent Assay Kit	53011	96 reactions
SUV4-20H1, GST-tag	51090	50 µg
SUV4-20H2, GST-tag	51060	50 µg
SUZ12, His-FLAG-tags	50282	20 µg
UNC0224	27303	10 mg
UNC0321 (TFA salt)	27306	50 mg
UNC0638	27222	5 mg
WDR5, FLAG-tag	51111	100 µg
WDR5, His-tag	71200	100 µg
WDR5, His-Tag, Biotin-Labeled	80016	50 µg



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