



## Product Data Sheet

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<b>Product Name:</b>	Histone H4 (1-20), PRMT7 Substrate, M1	
<b>Catalog Number:</b>	AS-62498 (1 mg)	Lot Number: See label on vial
<b>Sequence:</b>	H-Ser-Gly-Arg-Gly-Lys-Gly-Gly-Lys-Gly-Leu-Gly-Lys-Gly-Gly-Ala-Lys-Arg-His-Arg-Lys-NH2 (3-letter code) SGRGKGGKGLGKGGAKRHRK-NH2 (1-letter code)	
<b>Molecular Weight:</b>	1991.3	
<b>Peptide Purity:</b>	>95%	
<b>Appearance:</b>	Lyophilized white powder	

**Peptide Reconstitution:** Histone H4 peptide is freely soluble in water.

**Storage:** Histone H4 peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at  $-20^{\circ}\text{C}$  or lower. Reconstituted peptide can be aliquoted and stored at  $-20^{\circ}\text{C}$  or lower.

**Description:** This GRG containing peptide is amino acids 1 to 20 fragment of histone 4. It is a substrate for human protein-arginine methyltransferase 7 (PRMT7), a type II methyltransferase capable of producing symmetrical dimethyl arginine (sDMA) modifications in proteins. Ref: Lee, J. et al. *J. Biol. Chem.* **280**, 3656 (2005).

### Related Products:

<b>Name</b>	<b>Cat #</b>	<b>Size</b>
[Lys(Ac)8]-Histone H4 (1-20), H4K8(Ac) SGRGKGG-K(Ac)-GLGKGGAKRHRK	AS-63684	1 mg
[Lys(Ac)16]-Histone H4 (1-20), H4K16(Ac) SGRGKGGKGLGKGGGA-K(Ac)-RHRK	AS-63687	1 mg
[Lys(Ac)12]-Histone H4 (1-20), H4K12(Ac) SGRGKGGKGLG-K(Ac)-GGAKRHRK	AS-63685	1 mg
[Lys(Ac)5]-Histone H4 (1-20), H4K5(Ac) SGRG-K(Ac)-GGKGLGKGGAKRHRK	AS-63683	1 mg

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