

Product datasheet for **TP309534**

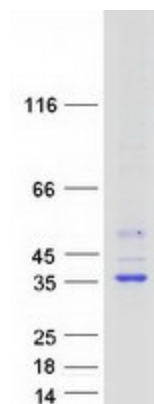
HSD17B7 (NM_016371) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hydroxysteroid (17-beta) dehydrogenase 7 (HSD17B7)
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	38 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057455
Locus ID:	51478
RefSeq Size:	1533
Cytogenetics:	1q23.3
RefSeq ORF:	1023
Synonyms:	PRAP; SDR37C1
Summary:	HSD17B7 encodes an enzyme that functions both as a 17-beta-hydroxysteroid dehydrogenase (EC 1.1.1.62) in the biosynthesis of sex steroids and as a 3-ketosteroid reductase (EC 1.1.1.270) in the biosynthesis of cholesterol (Marijanovic et al., 2003 [PubMed 12829805]).[supplied by OMIM, May 2010]
Protein Families:	Druggable Genome
Protein Pathways:	Androgen and estrogen metabolism, Metabolic pathways, Steroid biosynthesis

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Product images:



Coomassie blue staining of purified HSD17B7 protein (Cat# TP309534). The protein was produced from HEK293T cells transfected with HSD17B7 cDNA clone (Cat# [RC209534]) using MegaTran 2.0 (Cat# [TT210002]).