

Recombinant Full Length Human HSD17B7 Protein, C-Flag-tagged

Cat. No. HSD17B7-1470HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HSD17B7 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38 kDa
AA Sequence	MRKVVLTGASSGIGLALCKRLLAEDDELHLCLACRNMSKAEAVCAALLASHPTAEVT IVQVDVSNLQSV FRASKELKQRFQRLDCIYLNAGIMPNPQLNIKALFFGLFSRKVIHM FSTAEGLLTQGDKITADGLQEVE TNVFGHFILIRELEPLLCHSDNPSQLIWTSSRSA RKS NFSLEDFQHSKGKEPYSSSKYATDLLSVALNRN FNQQGLYSNVACPGTALTNL TYGILPPFIWTL LMPAILLLRFFANAFTLTPYNGTEALVWLFHQKPESLN PLIKYLSATTGFG RNYIMTQKMDLDEDTAEKFYQKLLELEKHIRVTIQKTDNQARLSG SCLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Androgen and estrogen metabolism, Metabolic pathways, Steroid biosynthesis
Full Length	Full L.

GENE INFORMATION

Gene Name	HSD17B7 hydroxysteroid 17-beta dehydrogenase 7 [Homo sapiens (human)]
Official Symbol	HSD17B7
Synonyms	PRAP; SDR37C1
Gene ID	51478
mRNA Refseq	NM_016371.4
Protein Refseq	NP_057455.1
MIM	606756

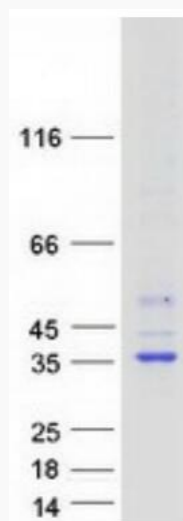
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UniProt ID

P56937



Coomassie blue staining of purified HSD17B7 protein.

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