

Recombinant Full Length Human HSD17B3 Protein, C-Flag-tagged

Cat. No. HSD17B3-1439HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HSD17B3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This isoform of 17 beta-hydroxysteroid dehydrogenase is expressed predominantly in the testis and catalyzes the conversion of androstenedione to testosterone. It preferentially uses NADP as cofactor. Deficiency can result in male pseudohermaphroditism with gynecomastia.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	34.3 kDa
AA Sequence	MGDVLEQFFILTGLLVCLACLA KCVRFSRCVLLNYWKVLPKSFLRSMGQWAVITGAG DGIGKAYSFELAK RGLNVVLISRTLEKLEAIATEIERTTGRSVKIIQADFTKDDIYEHKE KLAGLEIGILVNNVGMLPNLLP SHFLNAPDEIQSLIHCNITSVVKMTQLILKHMESRQK GLILNISSGIALFPWPLYSMYSASKAFVCAFSK ALQEEYKAKEVIIQVLTPTYAVSTAMT KYLNTNVITKTADEFVKESLNYVTIGGETCGCLAHEILAGFLSL IPAWAFYSGAFQRLLLTHYVAYLKLNTKVRTRTRPLEQKLISEEDLAANDILDYKDDD DKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
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, Transmembrane
Protein Pathways	Androgen and estrogen metabolism, Metabolic pathways
Full Length	Full L.

GENE INFORMATION

Gene Name	HSD17B3 hydroxysteroid 17-beta dehydrogenase 3 [Homo sapiens (human)]
Official Symbol	HSD17B3
Synonyms	EDH17B3; SDR12C2
Gene ID	3293
mRNA Refseq	NM_000197.2
Protein Refseq	NP_000188.1

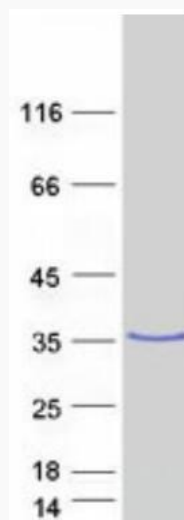
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MIM 605573

UniProt ID P37058



Coomassie blue staining of purified HSD17B3 protein.

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