Recombinant Full Length Human HSD17B3 Protein, GST-tagged

Cat. No. HSD17B3-3857HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSD17B3 full-length ORF (NP_000188.1, 1 a.a. - 310 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	310 amino acids
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. [provided by RefSeq
Molecular Mass	60.9 kDa
AA Sequence	MGDVLEQFFILTGLLVCLACLAKCVRFSRCVLLNYWKVLPKSFLRSMGQWAVITGAG DGIGKAYSFELAKRGLNVVLISRTLEKLEAIATEIERTTGRSVKIIQADFTKDDIYEHIKE KLAGLEIGILVNNVGMLPNLLPSHFLNAPDEIQSLIHCNITSVVKMTQLILKHMESRQK GLILNISSGIALFPWPLYSMYSASKAFVCAFSKALQEEYKAKEVIIQVLTPYAVSTAMT KYLNTNVITKTADEFVKESLNYVTIGGETCGCLAHEILAGFLSLIPAWAFYSGAFQRLL LTHYVAYLKLNTKVR
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HSD17B3 hydroxysteroid (17-beta) dehydrogenase 3 [Homo sapiens]
Official Symbol	HSD17B3
Synonyms	HSD17B3; hydroxysteroid (17-beta) dehydrogenase 3; testosterone 17-beta-dehydrogenase 3; SDR12C2; short chain dehydrogenase/reductase family 12C; member 2; 17-beta-HSD3; 17-beta-HSD 3; 17-beta-hydroxysteroid dehydrogenase type 3; testicular 17-beta-hydroxysteroid dehydrogenase; short chain dehydrogenase/reductase family 12C, member 2; EDH17B3;
Gene ID	3293
mRNA Refseq	NM_000197
Protein Refseq	NP_000188
MIM	605573
UniProt ID	P37058

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