

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	MGDVLEQFFILTGLLVCLACLAACVRFSRCVLLNYWKVLPKSFLRSMGQWAVITGAG DGIGKAYSFELAKRGLNVVLISRTLEKLEAIAIEIERTTGRSVKIIQADFTKDDIYEHIKE KLAGLEIGILVNNVGMLPNLLPSHFLNAPDEIQSLIHCNITSVVKMTQLILKHMESRQK GLILNISSGIALFPWPLYSMYSASKAFVCAFSKALQEEYKAKEVIIQVLTPYAVSTAMT KYLNTNVITKTADEFVKESLNYVTIGGETCGCLAHEILAGFLSLIPAWAFYSGAFQRL LTHYVAYLKLNTKVR
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA