Recombinant Human HSD17B1

Cat. No. HSD17B1-27735TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human HSD17B1 (aa 189-285) with N-terminal proprietary tag, 36.3 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	97 amino acids
Description	Estradiol 17-beta-dehydrogenase 1 is an enzyme that in humans is encoded by the HSD17B1 gene.
Molecular Weight	36.300kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	VHTAFMEKVLGSPEEVLDRTDIHTFHRFYQYLAHSKQVFREAAQNPEEVAEVFLTAL RAPKPTLRYFTTERFLPLLRMRLDDPSGSNYVTAMHREVF

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

Sequence Similarities	Belongs to the short-chain dehydrogenases/reductases (SDR) family.

GENE INFORMATION

Gene Name	HSD17B1 hydroxysteroid (17-beta) dehydrogenase 1 [Homo sapiens]
Official Symbol	HSD17B1
Synonyms	HSD17B1; hydroxysteroid (17-beta) dehydrogenase 1; EDH17B2, EDHB17; estradiol 17-beta-dehydrogenase 1; Estradiol 17 beta dehydrogenase 1; HSD17; MGC138140; SDR28C1; short chain dehydrogenase/reductase family 28CE; member 1;
Gene ID	3292
mRNA Refseq	NM_000413
Protein Refseq	NP_000404
MIM	109684
Uniprot ID	P14061
Chromosome Location	17q11-q21
Pathway	Estrogen biosynthesis, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Metabolism of steroid hormones and vitamins A and D, organism-specific biosystem; Steroid Biosynthesis, organism-specific biosystem;
Function	catalytic activity; estradiol 17-beta-dehydrogenase activity; nucleotide binding;

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	oxidoreductase activity;

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