

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: 8.00 Constituents: 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	VHTAFMEKVLGSPPEEVLDRDTHFHRFYQYLAHRSKQVFREAAQNPEEVAEVFLTAL RAPKPTLRYFTTERFLPLLRLDDPSGSNYVTAMHREVF

 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;

 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



oxidoreductase activity;

 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