Recombinant Mouse Hsd17b2 Protein, His&GST-tagged

Cat. No. Hsd17b2-1637M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hsd17b2 Protein (Gln158-His381) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln158-His381
Description	Predicted to enable estradiol 17-beta-dehydrogenase activity and testosterone dehydrogenase (NAD+) activity. Acts upstream of or within in utero embryonic development and placenta development. Predicted to be located in intracellular membrane-bounded organelle. Is expressed in several structures, including adrenal gland; genitourinary system; gut; liver; and retina. Orthologous to human HSD17B2 (hydroxysteroid 17-beta dehydrogenase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 61.5 kDa Accurate Molecular Mass: 62 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Hsd17b2 hydroxysteroid (17-beta) dehydrogenase 2 [Mus musculus (house mouse)]
Official Symbol	Hsd17b2
Synonyms	HSD17B2; hydroxysteroid (17-beta) dehydrogenase 2; estradiol 17-beta-dehydrogenase 2; 17 HSD type 2; 17-beta-HSD 2; testosterone 17-beta-dehydrogenase; 17-beta-hydroxysteroid dehydrogenase 2; 17-beta-hydroxysteroid dehydrogenase type 2; AI194836; AI194967; AI255511;
Gene ID	15486
mRNA Refseq	NM_008290
Protein Refseq	NP_032316
UniProt ID	P51658

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