

Recombinant Human HSD17B2 Protein, His-tagged

Cat. No. HSD17B2-2258H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD17B2 Protein (Glu104-Thr387) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu104-Thr387
Description	Enables estradiol 17-beta-dehydrogenase activity and testosterone dehydrogenase (NAD+) activity. Involved in response to retinoic acid. Predicted to be located in endoplasmic reticulum membrane.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.2 kDa Accurate Molecular Mass: 38 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 [Homo sapiens (human)]

Official Symbol

HSD17B2

Synonyms

HSD17B2; hydroxysteroid (17-beta) dehydrogenase 2; estradiol 17-beta-dehydrogenase 2; HSD17; SDR9C2; short chain dehydrogenase/reductase family 9C; member 2; E2DH; 20-alpha-HSD; 17-beta-HSD 2; testosterone 17-beta-dehydrogenase; 20 alpha-hydroxysteroid dehydrogenase; 17-beta-hydroxysteroid dehydrogenase type 2; microsomal 17-beta-hydroxysteroid dehydrogenase; short chain dehydrogenase/reductase family 9C, member 2; EDH17B2;

Gene ID

3294

mRNA Refseq

NM_002153

Protein Refseq

NP_002144

MIM

109685

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UniProt ID

P37059

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