



Recombinant Human Peroxisomal multifunctional enzyme type 2 (HSD17B4)

Product Code	CSB-EP010774HU-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P51659
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p> MGSPLRFDGR VVLVTGAGAG LGRAYALAFA ERGALVVVND LGGDFKGVGK GSLAADKVVE EIRRRGGKAV ANYDSVEEGE KVVKTALDAF GRIDVVVNN GILRDRSFAR ISDEDWDIIH RVHLRGSFQV TRAAWEHMKK QKYGRIIMTS SASGIYGNFG QANYSAKLG LLGLANSLAI EGRKSNIHCN TIAPNAGSRM TQTVMPEDLV EALKPEYVAP LVLWLCHESC EENGGLFEVG AGWIGKLRWE RTLGAIVRQK NHPMTPEAVK ANWKKICDFE NASKPQSIQE STGSIIEVLS KIDSEGGVSA NHTSRATSTA TSGFAGAIGQ KLPPFSYAYT ELEAIMYALG VGASIKDPKD LKFIYEGSSD FSCLPTFGVI IGQKSMMGGG LAEIPGLSIN FAKVLHGEQY LELYKPLPRA GKLKCEAVVA DVLDKGGSGVV IIMDVYSYSE KELICHNQFS LFLVGSGGFG GKRTSDKVKV AVAIPNRPPD AVLTDTTSLN QAALYRLSGD WNPLHIDPNF ASLAGFDKPI LHGLCTFGFS ARRVLQQFAD NDVSRFKAIAK ARFAKPVYPG QTLQTEMWKE GNRIHFQTKV QETGDIVISN AYVDLAPTSV TSAKTPSEGG KLQSTFVFEE IGRRLKDIGP EVVKKVNAVF EWHITKGGNI GAKWTIDLKS GSGKVYQGPA KGAADTTIIL SDEDFMEVVL GKLPDQKAFF SGRLKARGNI MLSQKLQMIL KDYAKL </p>
Source	E.coli
Target Names	HSD17B4
Protein Names	Recommended name: Peroxisomal multifunctional enzyme type 2 Short name= MFE-2 Alternative name(s): 17-beta-hydroxysteroid dehydrogenase 4 Short name= 17-beta-HSD 4 D-bifunctional protein Short name= DBP Multifunctional
Expression Region	1-736
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this gene that affect the peroxisomal fatty acid beta-



oxidation activity are a cause of D-bifunctional protein deficiency (DBPD). An apparent pseudogene of this gene is present on chromosome 8.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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