

Peroxisomal multifunctional enzyme type 2 (HSD17B4) Recombinant Protein | HSD17B4 recombinant protein

Recombinant Human Peroxisomal multifunctional enzyme type 2 (HSD17B4)

CATALOG # AAA113234	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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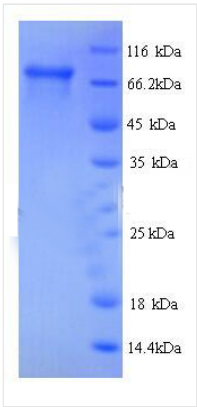
PRODUCT SYNONYMS

Peroxisomal multifunctional enzyme type 2 (HSD17B4); Recombinant Human Peroxisomal multifunctional enzyme type 2 (HSD17B4); HSD17B4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-736aa, Full length protein
Sequence	MGSPLRFDGR VVLVTGAGAG LGRAYALAFa ERGALVVVND LGGDFKGVGK GSLAADKVE EIRRRGGKAV ANYDSVEEGE KVVKTALDAF GRIDVVVNNA GILRDRSFAR ISDEDWDIIH RVHLRGSFQV TRAAWEHMKK QKYGRIIMTS SASGIYGNFG QANYSAAKLG LLGLANSLAI EGRKSNIHCN TIAPNAGSRM TQTVMPEDLV EALKPEYVAP LVLWLCHESC EENGGLFEVG AGWIGKLWE RTLGAIVRQK NHPMTPEAVK ANWKKICDFE NASKPQSIQE STGSIIEVLS KIDSEGGVSA NHTSRATSTA TSGFAGAIGQ KLPPFSYAYT ELEAIMYALG VGASIKDPKD LKFIYEGSSD FSCLPTFGVI IGQKSMGGG LAEIPGLSIN FAKVLHGEQY LELYKPLPRA GKLKCEAVVA DVLDKGSGVV IIMDVYSYSE KELICHNQFS LFLVSGGGFG GKRTSDKVKV AVAIPNRPPD AVLTDTTSLN QAALYRLSGD WNPLHIDPNF ASLAGFDKPI LHGLCTFGFS ARRLVQQFAD NDVSRFKAIK ARFAKPVYPG QTLQTEMWKE GNRIHFQTKV QETGDIVISN AYVDLAPTSG TSAKTPSEGG KLQSTFVFEE IGRRLKDIGP EVVKKVNAVE EWHITKGGNI GAKWTIDLKS GSGKVYQGPA KGAADTTIIL SDEDFMEVVL GKLDPPQKAFF SGRLKARGNI MLSQKLQMIL KDYAKL
Sequence Length	736
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HSD17B4 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504505
NCBI GeneID	3295
NCBI Accession #	NP_000405.1
NCBI GenBank Nucleotide #	NM_000414.3
UniProt Accession #	P51659; B4DNV1; B4DVS5; E9PB82; F5HE57
Molecular Weight	81.7 kDa
NCBI Official Full Name	peroxisomal multifunctional enzyme type 2 isoform 2
NCBI Official Synonym Full Names	hydroxysteroid 17-beta dehydrogenase 4
NCBI Official Symbol	HSD17B4
NCBI Official Synonym Symbols	DBP; MFE-2; MPF-2; PRLTS1; SDR8C1
NCBI Protein Information	peroxisomal multifunctional enzyme type 2
UniProt Protein Name	Peroxisomal multifunctional enzyme type 2
UniProt Gene Name	HSD17B4
UniProt Synonym Gene Names	EDH17B4; SDR8C1; MFE-2; 17-beta-HSD 4; DBP; MPF-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.