

Trifunctional enzyme subunit beta, mitochondrial (Hadhb) Recombinant Protein | Hadhb recombinant protein

Recombinant Mouse Trifunctional enzyme subunit beta, mitochondrial (Hadhb)

CATALOG # AAA117685	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Trifunctional enzyme subunit beta; mitochondrial (Hadhb); Recombinant Mouse Trifunctional enzyme subunit beta; Hadhb 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	35-475aa; Full Length of Mature Protein
Sequence	SAPAVQTKSK KTLAKPNMKN IVVEGVRIIP FLLSGTSYKD LMPHDLARAA LSGLLHRTNI PKDVVDYIIF GTVIQEVKTS NVAREAALGA GFSDKTPAHT VTMACISSNQ AMTTAVGLIA SGQCDVVVAG GVELMSDVPI RHSRNMKMM LDLNKAATLG QRLSLLSKFR LNFLSPELPA VAEFSTNETM GHSADRLAAA FAVSRMEQDE YALRSHSLAK KQDEGHLSL IVPFKVPGKD TVTKDNGIRP SSLEQMAKLL PAFIKPYGTV TAANSSFLTD GASAMLIMSE DRALAMGYKP KAYLRDFIYV SQDPKDQLLL GPTYATPKVL EKAGLTMNDI DAFEFEAFS GQILANFKAM DSDWFAQNYM GRKTKVGSPP LEKFNIWGGG LSLGHPFGAT GCRLVMAAAN RLRKDGGQYA LVAACAAGGQ GHAMIVEAYP K
Sequence Length	475
Species	Mouse
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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.

ADDITIONAL INFORMATION

Related Product Information for Hadhb recombinant protein	This gene encodes the beta subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the beta subunit catalyzing the 3-ketoacyl-CoA thiolase activity. Mutations in this gene result in trifunctional protein deficiency. The encoded protein can also bind RNA and decreases the stability of some mRNAs. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation. Alternatively spliced transcript variants have been found; however, their full-length nature is not known.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	577019542
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NCBI GeneID	231086
NCBI Accession #	NP_001276727.1
NCBI GenBank Nucleotide #	NM_001289798.1
UniProt Accession #	Q99JY0 ; Q3TEH9 ; Q8BJI5 ; Q8BJM0 ; Q8BK52
Molecular Weight	54.6 kDa
NCBI Official Full Name	trifunctional enzyme subunit beta, mitochondrial
NCBI Official Synonym Full Names	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit
NCBI Official Symbol	Hadhb
NCBI Official Synonym Symbols	Mtpb; TP-beta; 4930479F15Rik
NCBI Protein Information	trifunctional enzyme subunit beta, mitochondrial
UniProt Protein Name	Trifunctional enzyme subunit beta, mitochondrial
UniProt Gene Name	Hadhb

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.

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Online datasheet: <https://stage.aaabiotech.com/hadhb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117685>