

Trifunctional enzyme subunit alpha, mitochondrial (Hadha) Recombinant Protein | Hadha recombinant protein

Recombinant Mouse Trifunctional enzyme subunit alpha, mitochondrial (Hadha), partial

CATALOG # AAA116878	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Trifunctional enzyme subunit alpha; mitochondrial (Hadha); Recombinant Mouse Trifunctional enzyme subunit alpha; partial; Hadha 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	348-763aa; Partial
Sequence	LCKKNKFGAP QKNVQQLAIL GAGLMGAGIA QVSVDKGLKT LLKDTTVTGL GRGQQQVFKG LNDKVKKKAL TSFERDSIFS NLIGQLDYKG FEKADMVIEA VFEDLGVKHK VLKEVESVTP EHCIFASNTS ALPINQIAAV SKRPEKVIGM HYFSPVDKMQ LLEIITDDKT SKDTTASAVA VGLRQGKVII VVKDGPFGFYT TRCLAPMMSE VMRILQEGVD PPKLDALTTG FGFPVGAATL ADEVGVDVAQ HVAEDLGKAF GERFGGSVE LLQMVSXKGF LGRKSGKGFY IYQEGSKNKS LNSEMDNILA NLRLPAKPEV SSDEDVQYRV ITRFVNEAVL CLQEGILATP AEGDIGAVFG LGFPPCLGGP FRFVDLYGAQ KVDRLRKYE SAYGTQFTPC QLLLDHANNS SKKFYQ
Sequence Length	763
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 Hadha recombinant protein	This gene encodes the alpha 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 alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33859811
NCBI GeneID	97212

NCBI Accession #	NP_849209.1
NCBI GenBank Nucleotide #	NM_178878.2
UniProt Accession #	Q8BMS1; Q3TCY3; Q5U5Y5; Q8QZU4
Molecular Weight	50.1 kDa
NCBI Official Full Name	trifunctional enzyme subunit alpha, mitochondrial
NCBI Official Synonym Full Names	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit
NCBI Official Symbol	Hadha
NCBI Official Synonym Symbols	Mtpa; C77020
NCBI Protein Information	trifunctional enzyme subunit alpha, mitochondrial
UniProt Protein Name	Trifunctional enzyme subunit alpha, mitochondrial
UniProt Gene Name	Hadha

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/hadha-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116878>