

32-6798: HADHB Human

Alternative Name : Hydroxyacyl-CoA Dehydrogenase/3-Ketoacyl-CoA Thiolase/Enoyl-CoA Hydratase (Trifunctional Protein) Beta Subunit, Hydroxyacyl-Coenzyme A Dehydrogenase/3-Ketoacyl-Coenzyme A Thiolase/Enoyl-Coenzyme A Hydratase (Trifunctional Protein) Beta Subunit, TP-BETA, 3-Ketoacyl-Coenzyme A (CoA) Thiolase Of Mitochondrial Trifunctional Protein Beta Subunit, 2-Enoyl-Coenzyme A (CoA) Hydratase Beta Subunit, Trifunctional Enzyme Subunit Beta Mitochondrial, Mitochondrial Trifunctional Protein, Acetyl-CoA Acyltransferase, Beta-Ketothiolase, Beta Subunit, EC 2.3.1.16, EC 2.3.1, MSTP029, ECHB, MTPB.

Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

2-Enoyl-Coenzyme A (CoA) Hydratase, Beta (HADHB) is the beta subunit of the mitochondrial trifunctional protein, that catalyzes the last 3 phases of mitochondrial beta-oxidation of long chain fatty acids. HADHB binds RNA and reduces the stability of various mRNAs. Mutations in HADHB cause trifunctional protein deficiency.

HADHB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 464 amino acids (34-474 a.a) and having a molecular mass of 49.9kDa. HADHB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : HADHB protein solution (0.5mg/ml) containing 20mM phosphate (pH8.0) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSAAPAVQT KTKKTLAKPN IRNVVVVDGV RTPFLLSGTS
YKDLMPHDLA RAALTGLLHR TSVPEVVVDY IIFGTVIQEV KTSNVAREAA LGAGFSDKTP AHTVTMACIS
ANQAMTTGVG LIASGQCDVI VAGGVVELMSD VPIRHSRKMR KLMLDLNKAK SMGQRLSLIS KFRFNFLAPE
LPAVSEFSTS ETMGHSADRL AAFAVSRLE QDEYALRSHS LAKKAQDEGL LSDVVVFPKVP GKDTVTKDNG
IRPSSLEQMA KLKPAFIKPY GTVTAANSSS LTDGASAMLI MAEEKALAMG YKPKAYLRDF MYVSQDPKQDQ
LLLGPTYATP KVLEKAGLTM NDIDAFEFHE AFSGQILANF KAMDSDWFAE NYMGRKTKVG LPPLEKFNNW
GGSLSLGHPF GATGCRLVMA AANRLRKEGG QYGLVAACAA GGQGHAMIVE AYPK.