

2-Enoyl-Coenzyme A (CoA) Hydratase, Beta Human Recombinant

Item Number	rAP-1169
Synonyms	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
Description	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.
Uniprot Accession Number	P55084
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSAAPAVQT KTKKTLAKPN IRNVVVVDGV RTPFLLSGTS YKDLMPHDLA RAALTGLLHR TSPKEVVDY IIFGTVIQEV KTSNVAREAA LGAGFSDKTP AHTVTMACIS ANQAMTTGVG LIASGQCDDV VAGGVELMSD VPIRHSRKMR KLMLDLNKA SMGQRLSLIS KFRFNFLAPE LPAVSEFSTS ETMGHSADRL AAFAVSRLE QDEYALRSHS LAKKAQDEGL LSDVVPFKVP GKDTVTKDNG IRPSSLEQMA KLKPAFIKPY GTVTAANSSF LTDGASAMLI MAEEKALAMG YKPKAYLRDF MYVSQDPKDQ LLLGPTYATP KVLEKAGLTM NDIDAFEFHE AFSGQI- LANF KAMDSDFWAE NYMGRKTKVG LPPLEKFNNW GGSLSLGHPF GATGCRLVMA AANRLRKEGG QYGLVAACAA GGQGHAMIVE AYPK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	HADHB protein solution (0.5mg/ml) containing 20mM phosphate (pH8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**