

Hydroxyacyl-Coenzyme A Dehydrogenase Human Recombinant

Item Number	rAP-1010
Synonyms	EC 1.1.1.35, HAD, HADH1, HHF4, MSCHAD, SCHAD, Hydroxyacyl-coenzyme A dehydrogenase, HCDH, Short-chain 3-hydroxyacyl-CoA dehydrogenase, Medium and short-chain L-3-hydroxyacyl-coenzyme A dehydrogenase, HADH, HADHSC, MGC8392.
Description	HADH Human Recombinant fused to a 21 amino acids His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 323 amino acids (13-314 a.a.) and having a molecular mass of 35.1 kDa. The HADH is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q16836
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSSSSTASAS AKKIIVKHVT VIGGGLMGAG IAQVAAATGH TVVLVDQTED ILAKSKKGGIE ESLRKVAKKK FAENPKAGDE FVEKTLSTIA TSTDAASVVH STDLVVEAIV ENLKVKNELF KRLDKFAAEH TIFASNTSSL QITSIANATT RQDRFAGLHF FNPVPMKLV EVIKTPMTSQ KTFESLVDFS KALGKHPVSC KDTPGFIVNR LLVPYLMEAI RLYERGDASK EDIDTAMKLG AGYPMGPFEL LDYVGLDTTK FIVDGWHEMD AENPLHQSP SLNKLVAENK FGKKTGEGFY KYK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless 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	The HADH solution contains 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol. Greater than 95% 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**