

3-Hydroxyisobutyryl-CoA Hydrolase Human Recombinant

Item Number	rAP-1184
Synonyms	3-hydroxyisobutyryl-coenzyme A hydrolase mitochondrial, HIBYL-CoA-H, HIB-CoA hydrolase, EC 3.1.2.4
Description	HIBCH Recombinant produced in E. coli is a single polypeptide chain containing 379 amino acids (33-386) and having a molecular mass of 42.1kDa. HIBCH is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q6NVY1
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMDAAEE VLLEKKGCTG VITLNRPKFL NALTLMIRQ IYQLKKWEQ DPETFLIIK GAGGKAFKAG GDIRVISEAE KAKQKIAPVF FREEYMLNNA VGSCQKPYVA LIHGITMGGG VGLSVHGQFR VATEKCLFAM PETAIGLFPD VGGGYFLPRL QGKLGFLAL TGFRL- KGRDV YRAGIATHFV DSEKLAMLEE DLLALKSPSK ENIASVLENY HTESKIDRDK SFILIEHMDK INSCF- SANTV EEIENLQQD GSSFALEQLK VINKMSPTSL KITLRQLMEG SSKTLQEVLT MEYRLSQACM RGH- DFHEGVR AVLIDKQSP KWKPADLKEV TEEDLNNHFK SLGSSDLKF.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered 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 HIBCH solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 1mM DTT and 10% glycerol. Greater than 90% 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**