

32-2439: HIBCH Recombinant Protein

Alternative Name : 3-hydroxyisobutyryl-coenzyme A hydrolase mitochondrial, HIBYL-CoA-H, HIB-CoA hydrolase, EC 3.1.2.4

Description

Source : E.coli. 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. HIBCH enzyme is in charge of hydrolysis of both HIBYL-CoA and beta-hydroxypropionyl-CoA. Damages in the HIBCH gene linked to 3-hydroxyisobutyryl-CoA hydrolase deficiency. Multiple transcript variants exist as a result of alternative splicing.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The HIBCH solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 1mM DTT 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 MGSMDAAEE VLLEKKGCTG VITLNRPKFL NALTLMIRQ IYPQLKKWEQ DPETFLIIK GAGGKAFKAG GDIRVISEAE KAKQKIAPVF FREEYMLNNA VGSCQKPYVA LIHGITMGGG VGLSVHGQFR VATEKCLFAM PETAIGLFPD VGGGYFLPRL QGKLG YFLAL TGFRLKGRDV YRAGIATHFV DSEKLAMLEE DLLALKSPSK ENIASVLENY HTESKIDRDK SFILEEHMDK INSCFSANTV EEIENLQQD GSSFALEQLK VINKMSPTSL KITLRQLMEG SSKTLQEVLT MEYRLSQACM RGHDFHEGVR AVLIDKDQSP KWKPADLKEV TEEDLNNHFK SLGSSDLKF.

