

HIBCH Human

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.

Catalog #: ENPS-601

For research use only.

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

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMDAAEE VLLEKKGCTG
VITLNRPKFL NALTLMIRQ IYPQLKKWEQ DPETFLIIK GAGGKAFCAG GDIRVISEAE
KAKQKIAPVF FREEYMLNNA VGSCQKPYVA LIHGITMGGG VGLSVHGQFR VATEKCLFAM
PETAIGLFPD VGGGYFLPRL QGKLG YFLAL TGFRLKGRDV YRAGIATHFV DSEKLAMLEE
DLLALKSPSK EN

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The HIBCH solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 1mM DTT and 10% glycerol.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

To place an order, please [Click HERE](#).