Recombinant Full Length Human HIBCH Protein, GST-tagged

Cat. No. HIBCH-3465HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIBCH full-length ORF (NP_932164.1, 1 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	338 amino acids
Description	Beta-hydroxyisobutyryl-CoA hydrolase (EC 3.1.2.4) is responsible for the specific hydrolysis of HIBYL-CoA, a valine catabolite, as well as the hydrolysis of beta-hydroxypropionyl-CoA, an intermediate in a minor pathway of propionate metabolism.[supplied by OMIM
Molecular Mass	64.4 kDa
AA Sequence	MGQREMWRLMSRFNAFKRTNTILHHLRMSKHTDAAEEVLLEKKGCTGVITLNRPKF LNALTLNMIRQIYPQLKKWEQDPETFLIIIKGAGGKAFCAGGDIRVISEAEKAKQKIAPV FFREEYMLNNAVGSCQKPYVALIHGITMGGGVGLSVHGQFRVATEKCLFAMPETAI GLFPDVGGGYFLPRLQGKLGYFLALTGFRLKGRDVYRAGIATHFVDSEKLAMLEEDL LALKSPSKENIASVLENYHTESKIDRDKSFILEEHMDKINSCFSANTVEEIIENLQQDG SSFALEQLKVINKMSPTSLKITLRQLMEGSSKTLQEVLTMEYRLSQACMF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HIBCH 3-hydroxyisobutyryl-CoA hydrolase [Homo sapiens]
Official Symbol	HIBCH
Synonyms	HIBCH; 3-hydroxyisobutyryl-CoA hydrolase; 3 hydroxyisobutyryl Coenzyme A hydrolase; 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial; HIBYL-CoA-H; HIB-CoA hydrolase; 3-hydroxyisobutyryl-Coenzyme A hydrolase; HIBYLCOAH;
Gene ID	26275
mRNA Refseq	NM_014362
Protein Refseq	NP_055177
MIM	610690
UniProt ID	Q6NVY1

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