

Product datasheet for TP309814

OriGene Technologies, Inc.

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HIBCH (NM_014362) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human 3-hydroxyisobutyryl-Coenzyme A hydrolase (HIBCH), nuclear

gene encoding mitochondrial protein, transcript variant 1, 20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC209814 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGQREMWRLMSRFNAFKRTNTILHHLRMSKHTDAAEEVLLGKKGCTGVITLNRPKFLNALTLNMIRQIYP QLKKWEQDPETFLIIIKGAGGKAFCAGGDIRVISEAEKAKQKIAPVFFREEYMLNNAVGSCQKPYVALIH GITMGGGVGLSVHGQFRVATEKCLFAMPETAIGLFPDVGGGYFLPRLQGKLGYFLALTGFRLKGRDVYRA GIATHFVDSEKLAMLEEDLLALKSPSKENIASVLENYHTESKIDRDKSFILEEHMDKINSCFSANTVEEI IENLQQDGSSFALEQLKVINKMSPTSLKITLRQLMEGSSKTLQEVLTMEYRLSQACMRGHDFHEGVRAVL

IDKDQSPKWKPADLKEVTEEDLNNHFKSLGSSDLKF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 39.4 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 055177





Synonyms:

Locus ID: 26275

UniProt ID: Q6NVY1 RefSeq Size: 1958 Cytogenetics: 2q32.2

RefSeq ORF: 1158

Summary: This gene encodes the enzyme responsible for hydrolysis of both HIBYL-CoA and beta-

> hydroxypropionyl-CoA. Mutations in this gene have been associated with 3-hyroxyisobutyryl-CoA hydrolase deficiency. Alternative splicing results in multiple transcript variants. [provided

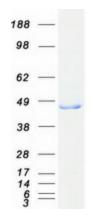
by RefSeq, May 2010]

HIBYLCOAH

Protein Pathways: beta-Alanine metabolism, Metabolic pathways, Propanoate metabolism, Valine, leucine and

isoleucine degradation

Product images:



Coomassie blue staining of purified HIBCH protein (Cat# TP309814). The protein was produced from HEK293T cells transfected with HIBCH cDNA clone (Cat# [RC209814]) using MegaTran 2.0 (Cat# [TT210002]).