

Product datasheet for **TP309814M**

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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209814 protein sequence Red =Cloning site Green =Tags(s)

MGQREMWRLMSRFNAFKRTNTILHHLRMSKHTDAAEEVLLGKKGCTGVITLNRPKFLNALTLMIRQIYP
QLKKWEQDPETFLIIKAGGKAFKAGGDIRVISEAEKAKQKIAPVFFREEYMLNNAVGCQKPYVALIH
GITMGGVGLSVHGQFRVATEKCLFAMPETAIGLFPDVGGGYFLPRLQGKLGFLALTGFRLKGRDVIYRA
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



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Locus ID:	26275
UniProt ID:	Q6NVY1 , A0A140VJL0
RefSeq Size:	1958
Cytogenetics:	2q32.2
RefSeq ORF:	1158
Synonyms:	HIBYLCOAH
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-hydroxyisobutyryl-CoA hydrolase deficiency. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
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]).