

AR50294PU-S**Human HIBCH (33-386, His-tag) - Purified**

Alternate names:	3-hydroxyisobutyryl-CoA hydrolase, 3-hydroxyisobutyryl-coenzyme A hydrolase, HIB-CoA hydrolase, HIBYL-CoA-H
Quantity:	50 µg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	HIBCH is 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.
Uniprot ID:	Q6NVY1
NCBI:	NP_055177
GeneID:	26275
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.2M NaCl, 1mM DTT
Description:	Recombinant human HIBCH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SGLVPRGSH MGSMDAAEE VLEKKGCTG VITLNRPKFL NALTLNMIHQ IYPQLKKWEQ DPETFLIIK GAGGKAFKAG GDIRVISEAE KAKQKIAPVF FREEYMLNNA VGSCQKPYVA LIHGITMGGG VGLSVHGQFR VATEKCLFAM PETAIGLFPPD VGGGYFLPRL QGKLGYFLAL TGFRLKGRDV YRAGIATHFV DSEKLAMLEE DLLALKSPSK ENIASVLENY HTESKIDRDK SFIL EEHMDK INSCFSANTV EEI IENLQQD GSSFALEQLK VINKMSPTSL KITLRQLMEG SSKTLQEVLT MEYRLSQACM RGHDFHEGVR AVLIDKDQSP KWKPADLKEV TEEDLNNHFK SLGSSDLKF Molecular weight: 42.1 kDa (379aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Hendrickson, S.L. et al. (2010) PLoS ONE 5 (9), E12862 Wu, C. et al. (2007) Proteomics 7 (11), 1775-1785

Pictures:

