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Product datasheet for AR50294PU-S

HIBCH (33-386, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HIBCH (33-386, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMDAAEE VLLEKKGCTG VITLNRPKFL NALTLNMIRQ IYPQLKKWEQ DPETFLIIIK GAGGKAFCAG GDIRVISEAE KAKQKIAPVF FREEYMLNNA VGSCQKPYVA LIHGITMGGG VGLSVHGQFR VATEKCLFAM PETAIGLFPD VGGGYFLPRL QGKLGYFLAL TGFRLKGRDV YRAGIATHFV DSEKLAMLEE DLLALKSPSK ENIASVLENY HTESKIDRDK SFILEEHMDK INSCFSANTV EEIIENLQQD GSSFALEQLK VINKMSPTSL KITLRQLMEG SSKTLQEVLT MEYRLSQACM RGHDFHEGVR AVLIDKDQSP KWKPADLKEV TEEDLNNHFK SLGSSDLKF
Tag:	His-tag
Predicted MW:	42.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0)containing 10% glycerol 0.2M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HIBCH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_055177
Locus ID:	26275
UniProt ID:	Q6NVY1, A0A140VJL0
Cytogenetics:	2q32.2
Synonyms:	HIBYLCOAH

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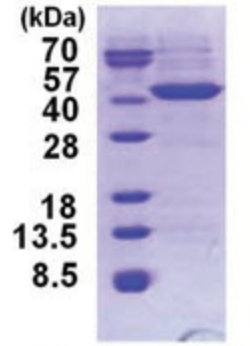
Summary: This gene encodes the enzyme responsible for hydrolysis of both HIBYL-CoA and beta-hydroxypropionyl-CoA. Mutations in this gene have been associated with 3-hyroxyisobutyryl-CoA hydrolase deficiency. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]

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

Product images:



15% SDS-PAGE (3ug)