

Recombinant Mouse Hibch Protein, Myc/DDK-tagged

Cat. No. Hibch-3392M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 3-hydroxyisobutyryl-Coenzyme A hydrolase (Hibch), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Hydrolyzes 3-hydroxyisobutyryl-CoA (HIBYL-CoA), a saline catabolite. Has high activity toward isobutyryl-CoA. Could be an isobutyryl-CoA dehydrogenase that functions in valine catabolism. Also hydrolyzes 3-hydroxypropanoyl-CoA.
Molecular Mass	43 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Hibch 3-hydroxyisobutyryl-Coenzyme A hydrolase [Mus musculus (house mouse)]
Official Symbol	Hibch
Synonyms	HIBCH; 3-hydroxyisobutyryl-Coenzyme A hydrolase; 3-hydroxyisobutyryl-CoA hydrolase, mitochondrial; HIBYL-COA-H; HIB-CoA hydrolase; AI648812; 2610509I15Rik; MGC31364
Gene ID	227095
mRNA Refseq	NM_146108
Protein Refseq	NP_666220
UniProt ID	Q8QZS1

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