

## Recombinant Mouse Hibch Protein, Myc/DDK-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length 3-hydroxyisobutyryl-Coenzyme A hydrolase (Hibch), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                              |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 43 kDa                                                                                                                                                                                                                              |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                         |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                       |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                      |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                               |

### GENE INFORMATION

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

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