

## Recombinant Mouse Lipc Protein, MYC/DDK-tagged

**Cat. No.** Lipc-1165M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse lipase, hepatic (Lipc), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                      |
| <b>Description</b>      | Hepatic lipase has the capacity to catalyze hydrolysis of phospholipids, mono-, di-, and triglycerides, and acyl-CoA thioesters. It is an important enzyme in HDL metabolism. Hepatic lipase binds heparin. |
| <b>Molecular Mass</b>   | 57.4 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 g/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>       | Lipc lipase, hepatic [ Mus musculus (house mouse) ]                                                                                                                                 |
| <b>Official Symbol</b> | Lipc                                                                                                                                                                                |
| <b>Synonyms</b>        | Lipc; lipase, hepatic; HL; Hpl; AI256194; hepatic triacylglycerol lipase; hepatic lipase; lipase member C; lysophospholipase; phospholipase A1; EC 3.1.1.3; EC 3.1.1.32; EC 3.1.1.5 |
| <b>Gene ID</b>         | 15450                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_008280                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_032306                                                                                                                                                                           |
| <b>UniProt ID</b>      | P27656                                                                                                                                                                              |

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