

Recombinant Mouse Lipase, Hepatic, His-tagged

Cat. No. Lipc-391M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LIPC was expressed in <i>E. Coli</i> using an N-terminal His tag. MW=26 kDa.
Species	Mouse
Source	E.coli
Description	Hepatic lipase, also known as LIPC, is a lipolytic enzyme synthesized and secreted by hepatocytes that bind extracellularly to the parenchymal and endothelial cell surfaces in the space of Disse. Clinical studies have shown that an inverse relationship exists between the LIPC activity in postheparin plasma and plasma HDL-C concentrations, suggesting that it can serve as a marker for cardiovascular disease risk and may serve as a target for therapy. The doublet observed in the SDS-PAGE is likely due to incomplete removal of the signal sequence.
Sequence	91 - 510.
Purity	~95%.
Specific Activity	n/a.
Applications	This recombinant protein can be used for WB, ELISA, MS and neutralization assays.
Buffer	1X PBS containing 0.1% SDS.

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Storage Store at -70°C. As with any protein, exposing LIPC recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

SDS-PAGE SDS-PAGE analysis of recombinant LIPC on Coomassie Blue-stained 12% SDS-PAGE gel.

GENE INFORMATION

Gene Name [Lipc lipase, hepatic \[Mus musculus \]](#)

Synonyms Lipc; lipase, hepatic; HL; Hpl; AI256194; lipase C; hepatic lipase; EC 3.1.1.3

Gene ID [15450](#)

mRNA Refseq [NM_008280](#)

Protein Refseq [NP_032306](#)

UniProt ID P27656

Chromosome Location 9 D; 9 39.0 cM

Pathway Glycerolipid metabolism; Metabolic pathways

Function catalytic activity; heparin binding; hydrolase activity; triglyceride lipase activity; lipase activity

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