

Recombinant Mouse Lcat protein, His-tagged

Cat. No. Lcat-1676M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lcat aa. (Ile290~Pro432) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile290~Pro432
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	5.7

GENE INFORMATION

Gene Name	Lcat lecithin cholesterol acyltransferase [Mus musculus (house mouse)]
Official Symbol	Lcat
Synonyms	Lcat; lecithin cholesterol acyltransferase; AI046659; D8Wsu61e; phosphatidylcholine-sterol acyltransferase; lecithin-cholesterol acyltransferase Lcat; phospholipid-cholesterol acyltransferase
Gene ID	16816
mRNA Refseq	NM_008490.2
Protein Refseq	NP_032516.2
UniProt ID	P16301

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SDS-PAGE

