

Recombinant Rat Lipg protein, His-tagged

Cat. No. Lipg-30R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lipg(Gly203~Lys471) fused with His tag at C-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gly203~Lys471
Description	Lipg played an minportant role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	34.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP
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.

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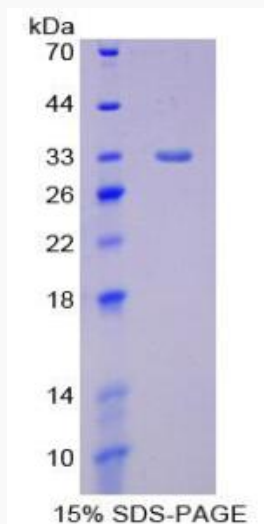
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Lipg lipase, endothelial [Rattus norvegicus]
Official Symbol	Lipg
Synonyms	LIPG; lipase, endothelial; endothelial lipase; EDL; lipase G; endothelial-derived lipase; lipase;
Gene ID	291437
mRNA Refseq	NM_001012741
Protein Refseq	NP_001012759
UniProt ID	Q8VBX1
Chromosome Location	18q12.2
Pathway	Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	heparin binding; hydrolase activity; lipoprotein lipase activity; molecular_function;

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phosphatidylcholine 1-acylhydrolase activity; phosphatidylcholine 1-acylhydrolase activity; phospholipase activity; triglyceride lipase activity;



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