

Recombinant Rat Pnlip protein, His-tagged

Cat. No. Pnlip-26R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pnlip(Ser47~His280) fused with His tag at C-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser47~His280
Description	Pnlip played an minportant role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	29.5kDa
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 Pnlip pancreatic lipase [*Rattus norvegicus*]

Official Symbol Pnlip

Synonyms PNLIP; pancreatic lipase; pancreatic triacylglycerol lipase; PL; pancreatic triglyceride lipase; PANLI;

Gene ID 25702

mRNA Refseq NM_013161

Protein Refseq NP_037293

UniProt ID P27657

Chromosome Location 1q55

Pathway Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Digestion of dietary lipid, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem;

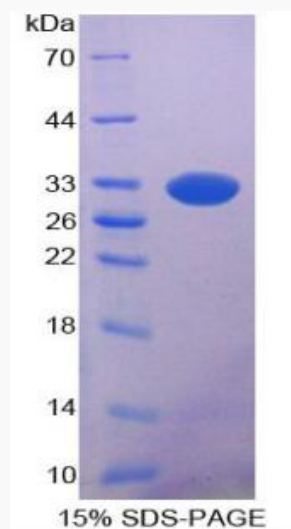
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Function

hydrolase activity; lipase activity; triglyceride lipase activity;



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