

## Recombinant Rat Pnlip protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Pnlip(Ser47~His280) fused with His tag at C-terminal was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser47~His280
<b>Description</b>	Pnlip played an important role in many functions.
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
<b>Molecular Mass</b>	29.5kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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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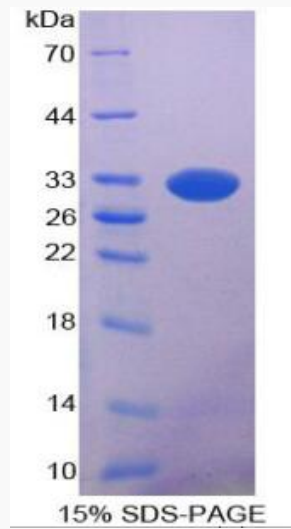
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**Function**

hydrolase activity; lipase activity; triglyceride lipase activity;



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