

## Recombinant Rat Pnliprp1 Protein, His-tagged

Cat. No. Pnliprp1-1127R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant rat Pnliprp1 (NP_114470.1) (Met1-Val473) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-473 a.a.
<b>Predicted N Terminal</b>	Lys 18
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant rat Pnliprp1 consists 467 amino acids and predicts a molecular mass of 52 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Pnliprp1 pancreatic lipase-related protein 1 [ *Rattus norvegicus* ]

**Official Symbol** Pnliprp1

**Synonyms** PNLIPRP1; pancreatic lipase-related protein 1; PL-RP1; pancreatic lipase related protein 1;

**Gene ID** 84028

**mRNA Refseq** NM\_032081

**Protein Refseq** NP\_114470

**MIM**

**UniProt ID**

**Pathway** Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Glycerolipid metabolism, organism-specific

**Function** calcium ion binding; catalytic activity; hydrolase activity; lipase activity; NOT lipase activity; protein binding; triglyceride lipase activity;

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