

Recombinant Rat Pnliprp1 Protein, His-tagged

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

SPECIFICATION

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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