

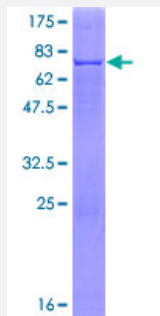
Full-Length

PNLIP (Human) Recombinant Protein (P01)

Catalog # H00005406-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PNLIP full-length ORF (AAH14309.1, 1 a.a. - 465 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLPLWTLSTLLGAVAGKEVCYERLGCFSDDSPWSGITERPLHILPWSPKDVNTRFLLYTNNPNN
FQEVAADSSSISGSNFKTNRKTRFIIHGFDKGEENWLANVCKNLFKVESVNCICVDWKGGSRGTGY
TQASQNIRIVGAEVAYFVEFLQSAFGYSPSNVHVIGHSLGAHAAGEAGRRTNGTIGRITGLDPAEPC
FQGTPELVRLDPSDAKFVDVIHTDGAPIPNLFGGMSQVVGHLDFPNGGVEMPGCKKNLSQV
DIDGWEGETRDFAAACNHLRSYKYYTDSIVNPDGFAGFPCASYNVFTANKCFPCPSGGCPQMGHYA
DRYPGKTNDVGQKFYLDTGASNFAWRWKVSVTLSGKKVTGHILVSLFGNKGNSKQYEIFKGT
KPDSTHSNEFSDVDVGDLMVKFIWYNNVINPTLPRVGASKIVETNVGKQFNFCSPETVREEVL
LTLTPC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.6

Interspecies Antigen Sequence

Mouse (78)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PNLIP

Entrez GeneID	5406
GeneBank Accession#	BC014309.2
Protein Accession#	AAH14309.1
Gene Name	PNLIP
Gene Alias	PL
Gene Description	pancreatic lipase
Omim ID	246600
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the lipase gene family. It encodes a carboxyl esterase that hydrolyzes in soluble, emulsified triglycerides, and is essential for the efficient digestion of dietary fats. This gene is expressed specifically in the pancreas. [provided by RefSeq]
Other Designations	OTTHUMP00000020564 pancreatic triacylglycerol lipase triacylglycerol acylhydrolase

Publication Reference

- [Serological proteome analysis reveals new specific biases in the IgM and IgG autoantibody repertoires in autoimmune polyendocrine syndrome type 1.](#)

Dubucquoi S, Proust-Lemoine E, Kemp EH, Ryndak A, Lefevre-Dutoit V, Bellart M, Saugier-veber P, Duban-Deweir S, Wemeau JL, Prin L, Lefranc D.

Autoimmunity 2015 Aug; 48(8):532.

Application: WB, Human, Recombinant protein

Pathway

- [Glycerolipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)