

# Recombinant Full Length Human PNLIP Protein

**Cat. No.** PNLIP-375HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Pancreatic Lipase with N terminal proprietary tag; Predicted MWt 77.22 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	465 amino acids
<b>Description</b>	This gene is a member of the lipase gene family. It encodes a carboxyl esterase that hydrolyzes insoluble, emulsified triglycerides, and is essential for the efficient digestion of dietary fats. This gene is expressed specifically in the pancreas.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	77.220kDa inclusive of tags
<b>AA Sequence</b>	MLPLWTLSELLGAVAGKEVCYERLGCFSDDSPWSGITERP LHILPWSPKDVNTRFLL YTNEPNPNFQEVAADSSSISGSN FKTNRKTRFIIHGFIKGEENWLANVCKNLFKVE SVNCIC VDWKGGSRGTGYTQASQNIIVGAEVAYFVEFLQSAFGYSP SNVHVIGHSL GAHAAGEAGRRTNGTIGRITGLDPAEPCFQ GPELVRLDPSDAKFVDVIHTDGAPIV PNLGFMSQVVGH LDFFPNGGVEMPGCKKNILSQIVDIDGIWEGTRDFAACNH LR SYKYYTDSIVNPDGFAGFPCASYNVFTANKCFPCPSGG CPQMGHYADRYPGKTND VGQKFYLDTGDAASFARWRYKVS VTLSGKKVTGHILVSLFGNKGNSKQYEIFKGT KPDSTHS NEFSDVDVGDLMVKFIWYNNVINPTLPRVGASKIIVET NVGKQFNFC

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SPETVREEVLLTLTPC

**Purity** Proprietary Purification**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

**Gene Name** [PNLIP pancreatic lipase \[ Homo sapiens \]](#)**Official Symbol** [PNLIP](#)**Synonyms** PNLIP; pancreatic lipase; pancreatic triacylglycerol lipase**Gene ID** [5406](#)**mRNA Refseq** [NM\\_000936](#)**Protein Refseq** [NP\\_000927](#)**MIM** [246600](#)**UniProt ID** [P16233](#) 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