

Recombinant Full Length Human PNLIP Protein

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

SPECIFICATION

Product Overview	Recombinant full length Human Pancreatic Lipase with N terminal proprietary tag; Predicted MWt 77.22 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	465 amino acids
Description	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.
Form	Liquid
Molecular Mass	77.220kDa inclusive of tags
AA Sequence	MLPLWTLSTLLGAVAGKEVCYERLGCFSDDSPWSGITERP LHILPWSPKDVNTRFLL YTNNPNNFQEVAADSSSISGSN FKTNRKTRFIIHGFIDKGEENWLANVCKNLFKVE SVNCIC VDWKGGSRGTGYTQASQNIRIVGAEVAYFVEFLQSAFGYSP SNVHVIGHSL GAHAAGEAGRRTNGTIGRITGLDPAEPCFQ GTPELVRLDPSDAKFVDVIHTDGAPIV PNLGFGMSQVVGH LDFFPNGGVEMPGCKKNILSQIVDIDGIWEGTRDFAACNH LR SYKYYTDSIVNPDGFAGFPCASYNVFTANKCFPCPSGG CPQMGHYADRYPGKTND VGQKFYLDTGDA SNFARWRYKVS VTLSGKKVTGHILVSLFGNKGNSKQYEIFKGTL KPDSTHS NEFDSVDVGD LQMVKFIWYNNVINPTLPRVGASKIIVET 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

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