

# Native Human Pancreas Lipase

**Cat. No.** PNLIP-8205H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human Pancreas Lipase was purified from Human Pancreas.
<b>Species</b>	Human
<b>Source</b>	Human Pancreas
<b>Description</b>	Human Pancreatic lipase enzyme is a water-soluble enzyme that catalyzes the hydrolysis of ester bonds in water insoluble, lipid substrates Most lipase(s) act at a specific position on the glycerol backbone of a lipid substrate (A1, A2 or A3).
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	48 kDa
<b>Unit Definition</b>	One unit will catalyze the hydrolysis of one micromole per minute of 1,2-o-dilauryl-rac-glycero-3-glutaric acid-(6-methylresorufin) ester in the presence of colipase, bile salt, and calcium chloride at 37 °C.
<b>Stability</b>	1 year
<b>Storage</b>	-20 °C

## GENE INFORMATION

<b>Gene Name</b>	PNLIP pancreatic lipase [ Homo sapiens ]
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 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

<b>Official Symbol</b>	PNLIP
<b>Synonyms</b>	PNLIP; pancreatic lipase; pancreatic triacylglycerol lipase; triacylglycerol acylhydrolase; PL; PTL; PNLIPD;
<b>Gene ID</b>	5406
<b>mRNA Refseq</b>	NM_000936
<b>Protein Refseq</b>	NP_000927
<b>MIM</b>	246600
<b>UniProt ID</b>	P16233
<b>Chromosome Location</b>	10q25.3
<b>Pathway</b>	Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Digestion of dietary lipid, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem;
<b>Function</b>	hydrolase activity; retinyl-palmitate esterase activity; triglyceride lipase activity;

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