

Recombinant Human PNLIP Protein, N-His Tagged

Cat. No. PNLIP-28H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human PNLIP Recombinant Protein N-His Tag Lyophilized is a recombinant protein has been recombinantly produced in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the lipase family of proteins. The encoded enzyme is secreted by the pancreas and hydrolyzes triglycerides in the small intestine, and is essential for the efficient digestion of dietary fats. Inhibition of the encoded enzyme may prevent high-fat diet-induced obesity in mice and result in weight loss in human patients with obesity. Mutations in this gene cause congenital pancreatic lipase deficiency, a rare disorder characterized by steatorrhea.
Form	Lyophilized
Purity	> 95 % as determined by reducing SDS-PAGE.
Storage	Stable for up to 12 months when stored at -20 to -80 centigrade. Reconstituted protein solution can be stored at 4-8 centigrade for 2-7 days. Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.
Storage Buffer	Sterile PBS, pH 7.4.

GENE INFORMATION

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Gene Name	PNLIP pancreatic lipase [Homo sapiens (human)]
Official Symbol	PNLIP
Synonyms	PNLIP; pancreatic lipase; PL; PTL; PNLIPD; pancreatic triacylglycerol lipase; triacylglycerol acylhydrolase; triacylglycerol lipase; EC 3.1.1.3
Gene ID	5406
mRNA Refseq	NM_000936
Protein Refseq	NP_000927
MIM	246600
UniProt ID	P16233

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