

Recombinant Human PNLIP Protein, MYC/DDK-tagged

Cat. No. PNLIP-2415H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human PNLIP protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

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 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 49.5 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PNLIP pancreatic lipase [Homo sapiens]

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Official Symbol	PNLIP
Synonyms	PL; PNLIPD; PTL
Gene ID	5406
mRNA Refseq	NM_000936
Protein Refseq	NP_000927
MIM	246600
UniProt ID	P16233

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