

Recombinant Mouse Pnlip Protein, Myc/DDK-tagged

Cat. No. Pnlip-4964M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pancreatic lipase (Pnlip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays an important role in fat metabolism. It preferentially splits the esters of long-chain fatty acids at positions 1 and 3, producing mainly 2-monoacylglycerol and free fatty acids, and shows considerably higher activity against insoluble emulsified substrates than against soluble ones.
Molecular Mass	51.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pnlip pancreatic lipase [Mus musculus (house mouse)]
Official Symbol	Pnlip
Synonyms	Pnlip; pancreatic lipase; P; PL; PTL; 1810007A24Rik; pancreatic triacylglycerol lipase; pancreatic triglyceride lipase; EC 3.1.1.3
Gene ID	69060
mRNA Refseq	NM_026925
Protein Refseq	NP_081201
UniProt ID	Q6P8U6

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