

# Recombinant Human Pancreatic Lipase-related Protein 2, T7-tagged

**Cat. No.** PNLIPRP2-834H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human PNLIPRP2 was produced in E.coli with a T7 tag at N-terminus. MW = 51947 Da (18-469 aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	18-469 a.a.
<b>Description</b>	Triglyceride lipases (EC 3.1.1.3) are a family of lipolytic enzymes that hydrolyse ester linkages of triglycerides. Lipases are widely distributed in animals, plants and prokaryotes. At least three tissue-specific isozymes exist in higher vertebrates, pancreatic, hepatic and gastric/lingual. These lipases are closely related to each other and to lipoprotein lipase (EC 3.1.1.34), which hydrolyses triglycerides of chylomicrons and very low density lipoproteins (VLDL).
<b>Form</b>	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN <sub>3</sub> .
<b>Purity</b>	95%.
<b>Clonality</b>	N/A.
<b>Applications</b>	MS. SDS.

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## GENE INFORMATION

<b>Gene Name</b>	PNLIPRP2 pancreatic lipase-related protein 2 [ Homo sapiens ]
<b>Synonyms</b>	PNLIPRP2; pancreatic lipase-related protein 2; PLRP2; PL-RP2; OTTHUMP00000218565; EC 3.1.1.3
<b>Gene ID</b>	5408
<b>mRNA Refseq</b>	NM_005396
<b>Protein Refseq</b>	NP_005387
<b>MIM</b>	604423
<b>UniProt ID</b>	P54317
<b>Chromosome Location</b>	10q25.3
<b>Pathway</b>	Glycerolipid metabolism; Metabolic pathways
<b>Function</b>	acylglycerol lipase activity; calcium ion binding; galactolipase activity; hydrolase activity; phospholipase activity; triglyceride lipase activity

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