

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

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

SPECIFICATION

Product Overview	Recombinant Human PNLIPRP2 was produced in E.coli with a T7 tag at N-terminus. MW = 51947 Da (18-469 aa).
Species	Human
Source	E.coli
ProteinLength	18-469 a.a.
Description	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).
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ .
Purity	95%.
Clonality	N/A.
Applications	MS. SDS.

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GENE INFORMATION

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

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