

Recombinant Dog PNLIPRP1 Protein (18-467 aa), His-tagged

Cat. No. PNLIPRP1-2495D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog PNLIPRP1 Protein (18-467 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Dog
Source	Yeast
ProteinLength	18-467 aa
Description	May function as inhibitor of dietary triglyceride digestion. Lacks detectable lipase activity towards triglycerides, diglycerides, phosphatidylcholine, galactolipids or cholesterol esters (in vitro).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	51.7 kDa
AA Sequence	KEVCYEQIGCFSDAEPWAGTAIRPLKVLPWSPERIGTRFLLYTNKNPNNFQTLLPSD PSTIEASNFQTDKKTRFIIHGFIDKGEENWLLDMCKNMFKVEEVNCICVDWKKGSQT SYTQAANNVRVVGAAQVAQMLSMLSANYSYSPSQVQLIGHSLGAHVAGEAGSRTPG LGRITGLDPVEASFQGTPEEVRLDPTDADFVDVIHTDAAPLIPFLGFGTSQQMGHLD FFPNGGEEMPGCKKNALSQIVDLDDGIWEGTRDFVACNHLRSYKYSESILNPDGFA SYPCASYRAFESNKCFCPCPDQGCPQMGHYADKFAVKTSDETQKYFLNTGDSSNFA RWRYGVSITLSGKRATGQAKVALFGSKGNTHQFNIFKGILKPGSTHSNEFDAKLDVG

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	TIEKVKFLWNNNVNPTFPKVGAAKITVQKGEEKTVHSFCSESTVREDVLLTLTPC
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

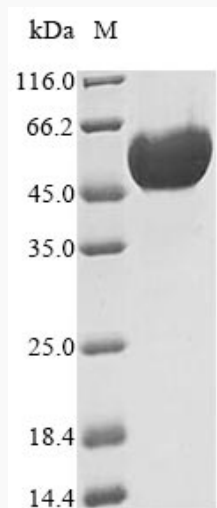
GENE INFORMATION

Gene Name	PNLIPRP1 pancreatic lipase-related protein 1 [<i>Canis lupus familiaris</i>]
Official Symbol	PNLIPRP1
Synonyms	PNLIPRP1; pancreatic lipase-related protein 1; PL-RP1; lipase; PLRP1;
Gene ID	404010
mRNA Refseq	NM_001003319
Protein Refseq	NP_001003319
UniProt ID	P06857

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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