

Product datasheet for **SC336291**

PNLIPRP1 (NM_001303135) Human Untagged Clone

Product data:

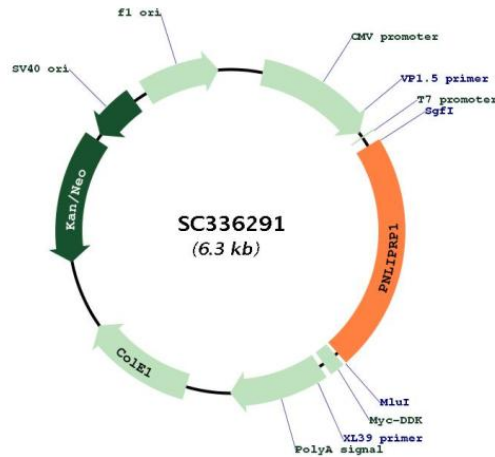
Product Type: Expression Plasmids
Product Name: PNLIPRP1 (NM_001303135) Human Untagged Clone
Tag: Tag Free
Symbol: PNLIPRP1
Synonyms: PLRP1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC336291 representing NM_001303135.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCTGATCTTCTGGACAATCACACTTTTCCTGCTGGGAGCAGCCAAAGGAAAAGAAGTTTGCTATGAG
GACCTCGGGTGTCTTTCTGACACTGAGCCCTGGGGCGGGACAGCAATCAGGCCCTGAAAATTCTCCCC
TGGAGCCCTGAGAAGATCGGCACCCGCTTCTGCTGTACACCAATGAAAACCCAAACAACTTCAAATT
CTCCTCCTCTGATCCATCAACAATTGAGGCATCAAATTTTCAAATGGACAGAAAGACCCGGTTCATC
ATCCATGGCTTCATAGACAAAGGAGATGAGAGCTGGGTGACAGACATGTGCAAGAACTGTTGAGGTG
GAGGAGGTGAACATGCATCTGCGTGGACTGGAAGAAGGGCTCCCAAGCCACCTACACACAGGCTGCCAAC
AACGTGCGAGTGGTGGGGCCCAAGTGGCCAGATGCTCGACATCCTCTTGACAGAGTATAGCTACCCC
CCTTCAAAGTTCACCTCATTGGCCACAGCCTGGGAGCCACGTGGCTGGAGAGGCAGGAAGCAAGACT
CCAGGCCCTGAGCAGGATTACAGGGTTGGATCCTGTAGAAGCAAGTTTCGAGAGTACTCCTGAAGAGGTG
CGACTTGATCCCTCTGATGCTGACTTTGTTGATGTGATTACACCGGATGCAGCTCCCCTGATCCCATT
TTGGGTTTTGGAACGAACCAACAGATGGGTGATCTTGACTTCTTCCCAATGGAGGAGAGAGCATGCCG
GGATGCAAGAAGAATGCCCTGTCTCAGATCGTGGATCTAGATGGCATCTGGGCGGGAACCCGGGACTTT
GTGGCTTGCAATCACCTAAGAAGCTACAAGTATTACTTGAAAGCATCCTCAATCCCGATGGGTTTGCT
GCATATCCCTGCACTTCTACAAGTCTTTGAGTCTGACAAGTGTCTCCCGTGTCCAGATCAAGGATGC
CCACAGATGGGTCACTATGCTGATAAATTTGCTGGCAGGACAAGTGAAGAGCAGCAGAAATTCCTTTG
AACACAGGAGAGGCTAGCAATTCGCTCGCTGGAGATATGGGTTTTCCATCACACTGTCTGGAAGAACA
GCCACTGGTCAGATCAAAGTTGCTTTGTTTGGAAATAAGGGAAACACTCACCAAGTACAGTATCTTCAGG
GGGATTCTCAAACCAGGCTCAACCCATTCTATGAGTTTGATGCAAAGCTGGATGTTGGAACAATTGAG
AAAGTCAAGTTTCTTTGGAATAACAATGTGATAAATCCAACCTCCCAAGTGGGTGCCACCAAGATC
ACTGTGCAAAAGGGAGAAGAGAAGACAGTGTACAACCTTGTAGCGAAGACACAGTGCGGGAAGACAGC
CTGCTCACCTCACGCCCTGCTAA
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001303135

Insert Size: 1404 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001303135.1](#)

RefSeq Size: 1513 bp

RefSeq ORF: 1404 bp

Locus ID: 5407

UniProt ID: [P54315](#)

Cytogenetics:	10q25.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Glycerolipid metabolism, Metabolic pathways
MW:	51.8 kDa
Gene Summary:	<p>May function as inhibitor of dietary triglyceride digestion. Lacks detectable lipase activity towards triglycerides, diglycerides, phosphatidylcholine, galactolipids or cholesterol esters (in vitro) (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>