

Product datasheet for **SC321698**

PNLIPRP1 (NM_006229) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PNLIPRP1 (NM_006229) Human Untagged Clone
Tag:	Tag Free
Symbol:	PNLIPRP1
Synonyms:	PLRP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006229.1
 ATGCTGATCTTCTGGACAATCACACTTTTCCTGCTGGGAGCAGCCAAAGGAAAAGAAGTT
 TGCTATGAGGACCTCGGGTGCTTTTCTGACACTGAGCCCTGGGGCGGACAGCAATCAGG
 CCCCTGAAAATTCTCCCTGGAGCCCTGAGAAGATCGGCACCCGCTTCTGCTGTACACC
 AATGAAAACCCAAACAACCTTTCAAATTCTCCTCCTCTCTGATCCATCAACAATTGAGGCA
 TCAAATTTTCAAATGGACAGAAAGACCCGGTTCATCATCCATGGCTTCATAGACAAAGGA
 GATGAGAGCTGGGTGACAGACATGTGCAAGAACTGTTGAGGTGGAGGAGGTGAACTGC
 ATCTGCGTGGACTGGAAGAAGGGCTCCCAAGCCACCTACACACAGGCTGCCAACAACGTG
 CGAGTGGTGGGCGCCAGGTGGCCAGATGCTCGACATCCTCTTGACAGAGTATAGCTAC
 CCCCTTCCAAAGTTCACCTCATTGGCCACAGCCTGGGAGCCACGTGGCTGGAGAGGCA
 GGAAGCAAGACTCCAGGCTGAGCAGGATTACAGGGTTGGATCCTGTAGAAGCAAGTTTC
 GAGAGTACTCCTGAAGAGGTGCGACTTGATCCCTCTGATGCTGACTTTGTTGATGTGATT
 CACACGGATGCAGCTCCCTGATCCCATTCTTGGGTTTTGGAACGAACCAACAGATGGGT
 CATCTTGACTTCTCCCAATGGAGGAGAGAGCATGCCGGATGCAAGAAGAATGCCCTG
 TCTCAGATCGTGGATCTAGATGGCATCTGGGCGGGAACCCGGGACTTTGTGGCTTGCAAT
 CACCTAAGAAGCTACAAGTATTACTTGGAAAGCATCCTCAATCCCGATGGGTTTGTGCTGCA
 TATCCCTGCACCTCCTACAAGTCTTTGAGTCTGACAAGTGTCTCCCGTGTCCAGATCAA
 GGATGCCACAGATGGGTCACTATGCTGATAAATTTGCTGGCAGGACAAGTGAAGAGCAG
 CAGAAATTTCTTGAACACAGGAGAGGCTAGCAATTTCCGCTCGTGGAGATATGGGGTT
 TCCATCACACTGTCTGGAAGAACAGCCACTGGTCAGATCAAAGTTGCTTTGTTTGGAAAT
 AAGGGAAACACTCACCAGTACAGCATCTTCAGGGGATTCTCAAACCAGGCTCAACCCAT
 TCCTATGAGTTTGTGCAAAAGCTGGATGTTGGAACAATTGACAAAGTCAAGTTTCTTTGG
 AATAACAATGTGATAAATCCAACCCTCCCAAAGTGGGTGCCACCAAGATCACTGTGCAA
 AAGGGAGAAGAGAAGACAGTGTACAACCTCTGTAGCGAAGACACAGTCCGGGAAGACAG
 CTGCTCACCTCACGCCCTGCTAAGCTCCCGGGGCGACGAGGCTGCTGCGTTCACACTAA
 TAAATCCACTGGTGCATCTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_006229
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	<u>NM_006229.1</u> , <u>NP_006220.1</u>
RefSeq Size:	1481 bp
RefSeq ORF:	1404 bp
Locus ID:	5407
UniProt ID:	<u>P54315</u>
Cytogenetics:	10q25.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Glycerolipid metabolism, Metabolic pathways
Gene Summary:	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] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.