

## Product datasheet for **RC238397**

### **PNLIPRP1 (NM\_001303135) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PNLIPRP1 (NM_001303135) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PNLIPRP1
Synonyms:	PLRP1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RC238397 representing NM\_001303135  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGATCTTCTGGACAATCACACTTTTCTGCTGGGAGCAGCCAAAGGAAAAGAAGTTTGCTATGAGG  
 ACCTCGGGTGCTTTTCTGACACTGAGCCCTGGGGCGGGACAGCAATCAGGCCCTGAAAATTCTCCCTG  
 GAGCCCTGAGAAGATCGGCACCCGCTTCTGCTGTACACCAATGAAAACCCAAACAATTCAAATTCTC  
 CTCCTCTGATCCATCAACAATTGAGGCATCAAATTTCAAATGGACAGAAAGACCCGGTTCATCATCC  
 ATGGCTTCATAGACAAAGGAGATGAGAGCTGGGTGACAGACATGTGCAAGAACTGTTTCGAGGTGGAGGA  
 GGTGAAGTGCATCTCGGTGGACTGGAAGAAGGGCTCCCAAGCCACCTACACACAGGCTGCCAACACGTG  
 CGAGTGGTGGGCGCCAGGTGGCCAGATGCTCGACATCTCTTGACAGAGTATAGCTACCCCTTCCA  
 AAGTTCACCTCATTGGCCACAGCCTGGGAGCCACGTGGCTGGAGAGGCAGGAAGCAAGACTCCAGGCT  
 GAGCAGGATTACAGGGTTGGATCCTGTAGAAGCAAGTTTCGAGAGTACTCCTGAAGAGGTGCGACTTGAT  
 CCCTCTGATGCTACTTTGTTGATGTGATTCACACGGATGCAGCTCCCTGATCCATTCTTGGGTTTTG  
 GAACGAACCAACAGATGGGTCATCTTGACTTCTCCCAATGGAGGAGAGAGCATGCCGGGATGCAAGAA  
 GAATGCCCTGTCTCAGATCGTGGATCTAGATGGCATCTGGGCGGGAACCCGGGACTTTGTGGCTTCAAT  
 CACCTAAGAAGCTACAAGTATTACTTGGAAAGCATCCTCAATCCCGATGGGTTTGTGCTATCCCTGCA  
 CTTCTACAAGTCTTTGAGTCTGACAAGTCTCCCGTGTCCAGATCAAGGATGCCACAGATGGGTCA  
 CTATGCTGATAAATTTGCTGGCAGGACAAGTGAAGAGCAGCAGAAATCTTCTTGAACACAGGAGAGGCT  
 AGCAATTCGCTCGCTGGAGATATGGGGTTTCCATCACACTGTCTGGAAGAACAGCCACTGGTCAGATCA  
 AAGTTGCTTTGTTGAAATAAGGAAACACTCACCAGTACAGTATCTTCAGGGGATTCTCAAACCAGG  
 CTTCAACCCATTCTATGAGTTTGTGCAAAGCTGGATGTTGGAACAATTGAGAAAGTCAAGTTTCTTTGG  
 AATAACAATGTGATAAATCCAACCTCCCAAAAGTGGGTGCCACCAAGATCACTGTGCAAAAAGGAGAAG  
 AGAAGACAGTGTACAACCTCTGTAGCGAAGACACAGTGCGGGAAGACACGCTGCTCACCCCTCACGCCCTG  
 C

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC238397 representing NM\_001303135  
 Red=Cloning site Green=Tags(s)

MLIFWTITLFLGAAKGKEVCYEDLGCFSDTEPWGGTAIRPLKILPWSPEKIGTRFLLYTNENPNNFQIL  
 LLSDPSTIEASNFQMDRKTRFIIHGFIKDGDESVMCKKLFEVEEVCICVDWKKGSQATYTTQAANNV  
 RVVGAQVAQMLDILLTEYSYPPSKVHLIGHSLGAHVAGEAGSKTPGLSRITGLDPVEASFESTPEEVRD  
 PSDADFDVVIHTDAAPLIPFLGFGTNQQMGHLDFPNGGESMPGCKKNALSQIVLDGIWAGTRDFVACN  
 HLRYSKYYLESILNPDGFAAYPCTSYKSFESDKCFPCPDQGPCQMGHYADKFAGRTEEQKFFLNTGEA  
 SNFARWRYGVSITLSGRATGQIKVALFGNKGNTHQYSIFRGILKPGSTHSYEFDAKLDVGTIEKVKFLW  
 NNNVINPTLPKVGATKIVQKGEKTVYNFCSEDTVREDTLLTLTPC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI



<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001303135.1</a> , <a href="#">NP_001290064.1</a>
<b>RefSeq Size:</b>	1513 bp
<b>RefSeq ORF:</b>	1404 bp
<b>Locus ID:</b>	5407
<b>UniProt ID:</b>	<a href="#">P54315</a>
<b>Cytogenetics:</b>	10q25.3
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	Glycerolipid metabolism, Metabolic pathways
<b>MW:</b>	52.3 kDa
<b>Gene Summary:</b>	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]