

Product datasheet for **RN210658**

Pnliprp1 (NM_032081) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnliprp1 (NM_032081) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pnliprp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210658 representing NM_032081
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGACCTCTGGACAGTCTCTTTTCTACTGGGAGCAGCTCAGGAAAAGAGTTTGTATGATA
 ACCTTGGATGCTTTTCTGACGCTGAGCCCTGGGCAGGGACAGCTATCAGGCCCTCAAACCTCTCCCATG
 GAGCCCTGAGAAGATCAACACTCGTTCCTGCTGTACACCAATGAGAACCAACTGCTTTTCAGACTCTC
 CAGCTTTCTGACCCATTGACCATTTGGGCCTCAAATTTTCAAGTTGCCAGGAAGACTCGGTTTATCATCC
 ATGGCTTCATAGACAAAGGAGAGGAAAAGTGGGTGGTTGACATGTGCAAGAACATGTTCCAAGTGGAGGA
 GGTGAAGTGCATCTGTGGACTGGAAGAAAGTTCTCAGACTACCTACACACAGGCTGCCAACAAATGTG
 CGAGTAGTGGGTGCCAGGTAGCTCAGATGATCGACATCCTTGTGAAAACTACAGCTACTCGCCTTCCA
 AAGTCCACCTCATTGGCCACAGCCTAGGAGCCACGTGGCCGGGAAGCAGGAAGTCGGACTCCAGGTCT
 AGGCAGAATTACAGGACTGGATCCTGTAGAAGCAAACCTCGAGGGCACTCCTGAAGAGTCCGGCTTGAC
 CCCTCGGATGCTGACTTTGTTGATGTGATTCACACAGATGCAGCTCCCTTGATCCCGTTCTTGGGCTTCG
 GAACAAACCAAATGTCAGGGCACCTTGACTTCTCCCAACGGAGGACAGAGCATGCCCGGGTGCAAGAA
 GAATGCTCTGTCCAGATTGTAGACATCGATGGCATCTGGTCAGGAACCCGGGACTTTGTGGCTTGAAC
 CACCTGAGAAGCTACAAGTACTACTTGGAGAGCATCCTTAACCCTGATGGGTTTCGCTGCATACCCCTGTG
 CTTCTACAAGGACTTTGAGTCTAACAAATGCTTCCCCTGCCAGATCAAGGCTGCCACAGATGGGTCA
 CTATGCCGATAAGTTTGGCCGAAGTCAGGTGACGAGCCACAGAAGTTCTTCTTGAACACAGGAGAAGCC
 AAGAAGTTGACGCTGGAGTACCGTGTTCCTTGATACTGTCTGGAAGAATGGTCACAGGGCAAGTCA
 AAGTGGCTCTGTTTGAAGTAAGGGCAATACAGCCAGTACGATATCTTCAAGGGAATTATCAAGCCTGG
 TGCTACACATCCAGTGAGTTTGTATGCCAAGCTCGACGTGGGAACAATTGAGAAAAGTCAAGTTTCTCTGG
 AACAAATCAAGTGATAAACCCAAGCTTCCCAAAAGTGGGCGCAGCCAAGATCACTGTGCAAAAAGGAGAGG
 AGCGGACGGAGTACAACCTCTGTAGTGAAGAGACCGTGAGAGAAGACTCTGCTCACTCTCTTGCCTTG
 TGAACCTCAGACACAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_032081
- Insert Size:** 1422 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_032081.1](#), [NP_114470.1](#)
RefSeq Size: 1534 bp
RefSeq ORF: 1422 bp
Locus ID: 84028
UniProt ID: [P54316](#)
Cytogenetics: 1q55
Gene Summary: hydrolyzes dietary triacylglycerols in the duodenum; may play a role in fat metabolism [RGD, Feb 2006]