

Product datasheet for **MC216642**

Pnliprp2 (NM_011128) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnliprp2 (NM_011128) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pnliprp2
Synonyms:	PLRP2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216642 representing NM_011128
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTATGGATGTCGGTGGATGTCTGTTCCATCCGTGCAGATGTTGCTGCTGGCTCGTCAGCCTTC
 TGCTGGCCACAGTCGGAGGGAAAGAGGTTTGTATGGACACCTTGATGCTTTTCCAATGACAAGCCCTG
 GGCAGGGATGATTCAGCGGCCTTCGAAGATATTCCTTGGTCCCCAGAGGACATTGATACCCGCTTTCTT
 CTGTACACAAACGAGAATCCAAACAACACAAATAATCTCTGCCACCGACCCAGCCACCATCAATGCTT
 CCAACTTCCAACGGACCGCAAGACACGTTTCATTATCCATGGATTCATAGACAAGGGAGAAGAAGGCTG
 GTTGTGACATGTGCAAGAAAATGTTTCAAGTGGAGAAAGTGAAGTGTATTTGCGTTGACTGGAAGCGC
 GGATCCAGGACTGAATACACCCAAGCCTCTACAACACTCGGGTCTGGGCGCTGAGATTGCCTTCTTGG
 TGCAAGTGTGTCGACAGAGATGGGTACAGCCAGAGAAGTGCACCTCATCGGCCACAGCTTGGGCTC
 ACATGTGGCTGGGAAGCAGGCAGGAGGCTGGAGGGCCATGTGGCAGGATCACAGGGCTGGACCCTGCA
 GAGCCCTGTTTCCAAGGCTGCCCGAGGAAGTTCGGTTGGACCCATCGGATGCCATGTTTGTAGAGTGA
 TCCACACTGACAGTGCCCCATAATCCCTATCTAGGTTTCGGAATGAGCCAAAAGTTCGGCCATCTGGA
 TTTCTTTCCCAACGGAGGGAAGGAAATGCCGGATGTCAGAAAAACATCCTTTCCACCATGTTGATATC
 AATGGAATATGGGAAGGAACTCGAACTTCGCAGCCTGCAACCACCTACGGAGCTACAAGTACTATGCCA
 GCAGCATCCTCAACCCTGACGGCTTCTGGGGTACCCCTGTTCTCTCTATGAGAAGTTCAGCACAATGA
 CTGCTTCCCTTGCCAGAACAAGGTGTCCAAAATGGGGCACTATGCTGATCAATTTGAGGGGAAAAC
 GCTACTGTGGAACAAACCTTTTTCTGAATACAGGAGACAGTGGTAACTTTACTCGTTGGAGATACAAAG
 TATCAGTCAACTATCAGGAGCAAAGAAGCTGAGTGGGTACATCTTGGTCGCTGTACGGATGTAAACGG
 AAACCAAAGCAGTATGAAGTTTTCAAAGGATCCCTCCAACCAGAAGCAAGATATATTCGTGACATTGAT
 GTGGACGTCAACGTTGGAGAAATCCAGAAGTTAAGTTCTCTGGAACAACAAGGTGATAAATCTCTTCC
 GGCCCACTATGGGAGCTTCAAAATCACAGTGCAACGCGGTAAGACGGGAAAGATTCAACTTCTGTAG
 CAGCAACACTGTGCATGAAGATGTTCTGCAGTCTCTGTACCCTTGT**TAA**

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011128

Insert Size: 1449 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_011128.2](#), [NP_035258.2](#)

RefSeq Size: 1593 bp

RefSeq ORF: 1449 bp

Locus ID: 18947

UniProt ID: [P17892](#)

Cytogenetics: 19 D2

Gene Summary: Lipase with broad substrate specificity. Can hydrolyze both phospholipids and galactolipids. Acts preferentially on monoglycerides, phospholipids and galactolipids. Contributes to milk fat hydrolysis (By similarity).[UniProtKB/Swiss-Prot Function]