

Product datasheet for **MR207575**

Pnliprp1 (NM_018874) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnliprp1 (NM_018874) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pnliprp1
Synonyms:	Plrp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207575 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGATTCTCTGGACAATCCCTCTTTCTACTGGGAGCAGCTCAGGGGAAAGAGTTTGTATGACA
 ACCTTGGATGCTTTCTGATGCTGAGCCCTGGGCAGGGACAGCTATCAGGCCCTAAAATTCTCCCTTG
 GAGCCCTGAGAAGATCAACACTCGTTCCTGCTCCACACCAATGAGAACCAACTGCTTTCCAGACTCTT
 CAGCTTTCTGACCCATCGACCATTGAGGCCTCCAATTTTCAAGTTGCCAGGAAGACTCGGTTTCATCATCC
 ATGGCTTCATAGACAAAGGAGAGGAGAAGTGGGTGGTTGACATGTGCAAGAACATGTTCCAAGTGGAGGA
 GGTGAAGTGCATCTCGGTGGACTGGAAGAGAGGCTCTCAGACTACCTACACGCAGGCTGCCAACAAATGTG
 CGAGTAGTGGGTGCCAGGTGGCTCAGATGATTGACATCCTTGAGAGAACTTCGACTACTCTGCTTCCA
 AAGTCCACCTCATTGGCCACAGCCTAGGAGCCACGTGGCAGGGGAAGCAGGAAGTCGGACTCCAGGTCT
 TGGCAGGATTACAGGACTGGATCCTGTAGAAGCAAATTTTGGGGAAACCCTGAAGAGTCCGGCTCGAC
 CCCTCGGATGCTGACTTTGTTGATGTGATTCACACAGATGCAGCTCCCTTGATCCCAATTCTTGGGCTTTG
 GAACAAACCAATGGTGGGGCACTTTGACTTCTTCCCAACGGAGGACAGTACATGCCCGGTGCAAGAA
 GAACGCTCTGTACAGATTGTGGACATCGATGGCATCTGGTCAGGAACCCGGGACTTTGTGGCTTGAAC
 CACCTGAGAAGCTACAAGTACTACTTAGAGAGCATCCTTAACCCAGATGGGTTTGTGCATACCCCTGCG
 CTTCTACAGGGACTTTGAGTCTAACAAATGCTTCCCCTGCCAGATCAAGGCTGCCACAGATGGGTCA
 CTATGCTGATAAGTTTGCCAACAATAAAGTGTGGAGCCACAGAAGTCTTCTGAAACACAGGAGAAGCC
 AAGAAGTTTGCACGCTGGAGTACCGTGTTCCTTGACATCTCTGGAAGGACGGTCACAGGCCAAGTCA
 AAGTGTCTCTGTTTGAAGTAACGGCAATACTCGCCAGTGTGATATCTTCAAGGGAATTAACAAGCCCGG
 TGCTACGCATTCCAATGAGTTTGATGCCAAGCTTGATGTGGGAACAATTGAGAAAGTCAAGTTTCTTTGG
 AATAACCAAGTGTAAACCAAGTTTCCCAAAAGTGGGCGCAGCCAAGATCACTGTGCAAAAAGGGGAGG
 AGCGGACAGACACAACCTTCTGTAGTGAAGAGACCGTGAGAGAAGACATCCTGCTCACTCTTGCCTTG
 TAAACCTCAGACACAATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207575 protein sequence
 Red=Cloning site Green=Tags(s)

MLILWTIPLFLLGAAQKQEVCDNLGCFSDAEPWAGTAIRPLKLLPWSPEKINTRFLLHTNENPTAFQTL
 QLSDPSTIEASNFQVARKTRFIIHGFIIDKGEENWVDMCKNMFQVEEVNCICVDWKRGSQTTYTQAANNV
 RVVGAQVAQMIDILVRNFDYSASKVHLIGHSLGAHVAGEAGSRTPGLGRITGLDPVEANFEGTPEEVRLD
 PSDADFVDVIHTDAAPLIPFLGFGTNQMVGHDFDFPNGGQYMPGCKKNALSQIVDIDGIWSGTRDFVACN
 HLRSYKYYLESILNPDGFAAYPCASYRDFESNKCFCPCPDQGPCQMGHYADKFNNTSVEPQKFFLNTGEA
 KNFARWRYRVSLTFSGRTVTGQVKVSLFGSNGNTRQCDIFRGIKPGATHSNEFDAKLDVGTIEKVKFLW
 NNHVVNPSFPKVGAAKITVQKGEERTEHNFCSSEETVREDILLTLLPCKTSDTM

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_018874

ORF Size: 1422 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_018874.1](#), [NM_018874.2](#), [NP_061362.1](#)
RefSeq Size: 1619 bp

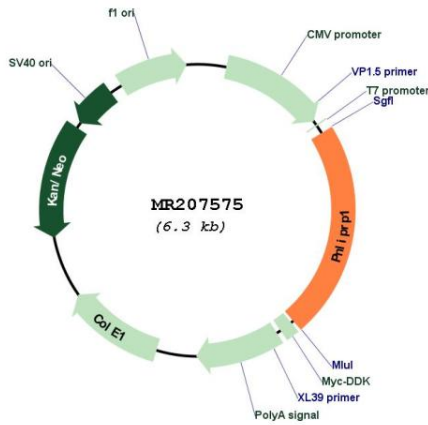
RefSeq ORF: 1422 bp

Locus ID: 18946

UniProt ID: [Q5BKQ4](#)

Cytogenetics: 19 54.49 cM
MW: 52.7 kDa
Gene Summary: May function as inhibitor of dietary triglyceride digestion. Lacks detectable lipase activity (in vitro) (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207575