

Product datasheet for **MR207730**

Pnliprp2 (NM_011128) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR207730 representing NM_011128
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCTATGGATGTCGGTGGATGTCTGTTCCATCCGTGCAGATGTTGCTCTGCTGGCTCGTCAGCCTTC
 TGCTGGCCACAGTCGAGGGAAAGAGGTTTGTATGGACACCTTGATGCTTTTCCAATGACAAGCCCTG
 GGCAGGGATGATTCAGCGGCCTTCAAGATATTCCTTGGTCCCCAGAGGACATTGATACCCGCTTCTT
 CTGTACACAAACGAGAATCCAAACAACACAAATAATCTCTGCCACCGACCCAGCCACCATCAATGCTT
 CCAACTTCCAAGTGGACCGCAAGACAGGTTTCATTATCCATGGATTCATAGACAAGGGAGAAGAAGGCTG
 GTTCTGGACATGTCAAGAAAATGTTTCAAGTGGAGAAAGTGAAGTGTATTTGCGTTGACTGGAAGCGC
 GGATCCAGGACTGAATACACCAAGCCTCTACAACACTCGGGTCTGGGCGCTGAGATTGCCTTCTTGG
 TGCAAGTGTTCGACAGAGATGGGTACAGCCAGAGAAGTGCACCTCATCGCCACAGCTTGGGCTC
 ACATGTGGCTGGGAAGCAGCAGGAGGCTGGAGGGCCATGTGGGAGGATCACAGGGCTGGACCCTGCA
 GAGCCCTGTTTCCAAGGCTGCCCGAGGAAGTTCGGTTGGACCCATCGGATGCCATGTTTGTAGAGTGGA
 TCCACACTGACAGTGCCCCATAATCCCTATCTAGGTTTCGGAATGAGCCAAAAGTTCGGCCATCTGGA
 TTTCTTTCCCAACGGAGGGAAGGAAATGCCGGATGTCAGAAAAACATCCTTTCCACCATGTTGATATC
 AATGGAATATGGGAAGGAACTCGAACTTCGCAGCCTGCAACCACCTACGGAGCTACAAGTACTATGCCA
 GCAGCATCCTCAACCCTGACGGCTTCTGGGGTACCCCTGTTCTCTATGAGAAGTCCAGCACAATGA
 CTGCTTCCCTTGCCAGAACAAGGTGTCCAAAATGGGGCACTATGCTGATCAATTTGAGGGGAAAAC
 GCTACTGTGGAACAACTTTTTCTGAATACAGGAGACAGTGGTAACTTTACTCGTTGGAGATACAAAG
 TATCAGTCACACTATCAGGAGCAAAGAAGCTGAGTGGTACATCTTGGTCTGCTGTACGGATGTAACGG
 AAACCAAAGCAGTATGAAGTTTTCAAAGGATCCCTCCAACAGAAAGATATATTCGTGACATTGAT
 GTGGACGTCAACGTTGGAGAAATCCAGAAGTTAAGTTCCTCTGGAACAACAAGGTGATAAATCTCTTCC
 GGCCCACTATGGGAGCTTCAAAATCACAGTGCAACGCGGTAAGACGGGAAAGATTCAACTTCTGTAG
 CAGCAACACTGTGCATGAAGATGTTCTGCAGTCTCTGTACCCCTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207730 representing NM_011128
 Red=Cloning site Green=Tags(s)

MPMDVRGCLFPSVQMLLCWLVLLLLATVGGKEVCYGHLCGFSNDKPWAGMIQRPSKIFPWSPEDIDTRFL
 LYTNENPNNYQIIISATDPATINASNFLDRKTRFIIHGFIDKGEELWLLDMCKKMFQVEKVNICVDWKR
 GSRTEYQASYNTRVVGAEIAFLVQVLSTEMGYSPENVHLIGHSLGSHVAGEARRLEGHVGRITGLDPA
 EPCFQGLPEEVRLDPSDAMFVDVIHTDSAPIIPYLGFGMSQKVGHLDFFPNGGKEMPGCQKNILSTIVDI
 NGIWEGTRNFAACNHLRSYKYYASSILNPDGFLGYPCSSYEKQHNDCFPCEQGCQPKMGHYADQFEGKT
 ATVEQTFFLNTGDSGNFTRWRYKVSVTLSGAKKLSGYILVALYGCNNGSKQYEVFKGSLQPEARYIRDID
 VDENVGEIQKVKFLWNNKVINLFRPTMGASQITVQRGDKGKEFNFCSSNTVHEDVLQSLYPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9005_g04.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_011128

ORF Size: 1446 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_011128.2](#), [NP_035258.2](#)
RefSeq Size: 1593 bp

RefSeq ORF: 1449 bp

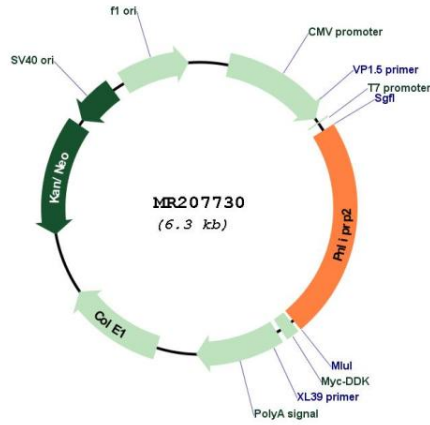
Locus ID: 18947

UniProt ID: [P17892](#)
Cytogenetics: 19 D2

MW: 54.5 kDa

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]

Product images:



Circular map for MR207730