

## Product datasheet for **MR207436**

### **Pnlip (NM\_026925) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pnlip (NM_026925) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pnlip
Synonyms:	1810007A24Rik; PL; PTL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207436 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTAATGCTGTGGACATTTGCAGTGTCTGCTGGGAGCAGTAGCTGGAAGGAAGTTTGCTTCGACAAAC  
 TCGGCTGCTTCAGTGATGATGCCCCCTGGTCAGGAAGCTAGACAGACCCTGAAAGCACTGCCCTGGAG  
 CCCAGCACAGATCAACACCCGCTTTCTCCTCTACACCAACGAGAATCCAGACAACCTACCAGCTAATTACT  
 TCAGATGCATCAAACATCAGAACTCCAATTTCCGAACAAACAGAAAAACCCGTATCATTATCCACGGCT  
 TCATCGACAAGGGAGAAGAACTGGCTATCTGACATGTGCAAGAACATGTTCCGAGTGGAGAGTGTGAA  
 CTGCATCTGTGTGGACTGGAAGGCGGTTCCCGAACGACATATACCCAGGCTACCCAGAAGCTCCGGGTC  
 GTGGGGCAGAAGTGGCATTGTTGGTTAACGTTCTGCAGTCTGATCTGGGATACTCACTTAACAATGTCC  
 ACCTGATTGGCCACAGCCTGGGTTCCACATTGCTGGGGAGGCTGGAAGAGGACCTTTGGAGCCATTGG  
 AAGGATCACAGGGTTGGACCCCGCTGAGCCTTACTTCCAGGGCACCCCTGAAGAAGTCCGACTGGACCCC  
 ACCGATGCTCAGTTTGTGGACGCAATTCACACAGACGCCGGGCCATTATCCCAACTTAGGATTTGGAA  
 TGAGCCAGACTGTGGTCACTTAGATTTCTTCCAAACGAGGAATCGAAATGCCAGGATGCCAGAAGAA  
 TATTCTTCCAAATGTTGACATCGACGGGATCTGGGAAGGAAGCTGAAACTTTGCTGCCTGTAACCAC  
 TTAAGAAGCTACAAGTTTACACCGACAGCATCGTCAACCAACTGGCTTTGCTGGGTTCTCCTGTAGCT  
 CTTACAGTCTTTTACGGCAAATAAGTGCTTCCCATGTGGGAGTGGAGGATGCCCCAGATGGGTCAATTA  
 CGCTGACAGATACCTGGGAAAACAAGCAGACTCTACCAGACATTTTACCTCAACACCGGTGATAAGAGC  
 AACTTCGCACGTTGGCGGTACCAGGTGACTGTACCCTGTCTGGACAGAAGGCTACTGGGCACATTCTAG  
 TTTCTTTGTTGGAAATGGAGGAACTCTAAACAGTATGAAGTTTCAAGGGCTCTGCAGCCAGGTAC  
 TTCTCAGTCAATGAATTCGACTCTGATGTGGATGTTGGAGATTTGCAGAAGGTTAAATTTATTTGGTAC  
 AACAAATGTGATCAACCAACTCTACCAAGTGGAGCATCAAGGATCACAGTGGAAAGAATGATGGCA  
 GAGTGTCAACTTCTGTAGTCAAGAGACAGTGGGGAAGACGTCCTGCTCACACTGTCTCCATGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207436 protein sequence  
 Red=Cloning site Green=Tags(s)

MLMLWTFVLLGAVAGREVCDFKLGCFSDAPWSGTLDRPLKALPWSPAQINTRFLLYTNENPDNYQLIT  
 SDASNIRNSNFRNTRKTRIIHGFIDKGEENWLSDMCKNMFVSVNCICVDWKGSRTTYQATQNVRV  
 VGAEVALLVNVLQSDLGYSLNNVHLIGHSLGSHIAGEAGKRTFGAIGRITGLDPAEYPYFQGTPEEVRLDP  
 TDAQFVDAIHTDAGPIIPNLGFGMSQTVGHLDFFPNGGIEMPGCQKNILSQIVDIDGIWEGTRNFAACNH  
 LRSYKFYTDIVNPTGFAGFSCSSYSLFTANKCFPCGSGGCPQMGHYADRYPGKTSRLYQTFYLNLTGDKS  
 NFARWRYQVTVTLGQKVTGHILVSLFGNGGNSKQYEVFKGSLQPGTSHVNEFSDVDVGDLDQVKVFIWY  
 NNVINPTLPKVGASRITVERNDGRVFNFCSETVREDVLLTLSPC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

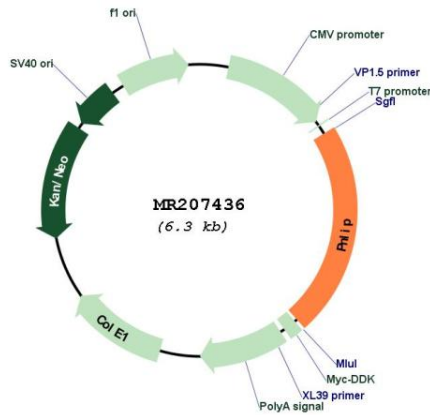


**Cytogenetics:** 19 54.46 cM

**MW:** 51.4 kDa

**Gene Summary:** Plays an important role in fat metabolism. It preferentially splits the esters of long-chain fatty acids at positions 1 and 3, producing mainly 2-monoacylglycerol and free fatty acids, and shows considerably higher activity against insoluble emulsified substrates than against soluble ones (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR207436