

## Product datasheet for MR218667

### Plppr1 (NM\_178756) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Plppr1 (NM\_178756) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Plppr1  
**Synonyms:** E130309F12Rik; Lppr1; mKIAA4247; PRG-3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR218667 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGTAGAAAACAACACTCAACGCAGTTACTCCATCATTCCATGTTTTATATTTGTTGAGCTTGCA  
 TCATGGCTGGGACCGTGTCTGCCTACTACTTCGAATGCACTGACACCTTTCAGGTGCATATCCAAGG  
 ATTCTTCTGT CAGGACGGAGACTTAATGAAGCTTTACCCGGGGACAGAGGAGAAAGTTTCATCAGCCCT  
 CTGGTGTCTACTGCGTTCTGGCTGCCACTCCAAGTCTATTATTTTCATTGGTGAATATCCATGTATT  
 TCATAAAGTCAACAAGGGAGTCCCTGATTGCTGAGGAGAAAATGATCCTGACAGGGGACTGCTGCTACCT  
 GAGCCCTTACTCCGAAGGATCATCAGGTTTCATCGGGGATTTTGCATTTGGACTTTTTGCTACTGACATT  
 TTTGTAACGCGGGCAAGTCTGCTCACTGGTCACTAACACCATACTTCTGACAGTGTGCCAGCCAACT  
 ATACCAGTACAGACTGCCGGGCACACCAACAGTTCATCAACAATGGCAACATCTGCACTGGGGACCTGGA  
 AGTGATAGAAAAGCTCGGAGGTCCTTTCCCTCCAACATGCTGCTCTGAGCATTACTCCGCTTATAT  
 GCCACGATGTACATCACAAGCACAATCAAGACGAAGAGCAGTCGGCTGGCCAAGCCAGTGTGTGCTTGG  
 GGACCTCTGTACCGCTTCTGACAGGCCTCAACCGCTCTCAGAGTACCGGAACCACTGTTCCGACGT  
 GATCGCCGGCTTCATCTGGGCACCGCAGTGGCCCTGTTTTGGGAATGTGTGTGTTTCAACTTCAGA  
 GGAACCAAGGCTCTCTTCAAACCCAAACCCGAGGATCCCCGGGAGTCCCCTGATGGCTTTCCCAA  
 GGATAGAGAGCCCGCTGGAAACCTTAAGTGCACAGAATCACTCCGCTCCATGACCGAAGTCACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR218667 protein sequence  
Red=Cloning site Green=Tags(s)

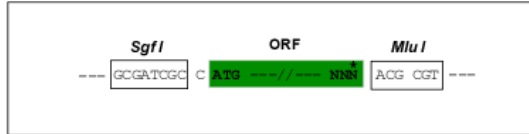
MAVENNTQRSYSIIPCFIFVELVIMAGTVLLAYFECTDTFQVHIQGFQDGLMKLYPGTEESFISP  
 LVLYCVLAATPTAIIFIGEISMYFIKSTRESLIAEEKMILTGCCYLSPLLRRIIRFIGVFAFLFATDI  
 FVNAGQVVTGHLTPYFLTVCQPNYSTDRAHQQFINNGNICTGDLEVIKARRSFPSKHAALSIYSALY  
 ATMYITSTIKTKSSRLAKPVLCLGTLCTAFLTGLNRVSEYRNHCSVDVIAGFILGTAVALFLGMCVVHNR  
 GTQGSPSKPKPEDPRGVPLMAFPRIESPLETLSAQNHSASMT EVT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_178756

**ORF Size:** 978 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\\_178756.1](#), [NM\\_178756.2](#), [NM\\_178756.3](#), [NM\\_178756.4](#), [NP\\_848871.1](#)

**RefSeq Size:** 3762 bp

**RefSeq ORF:** 978 bp

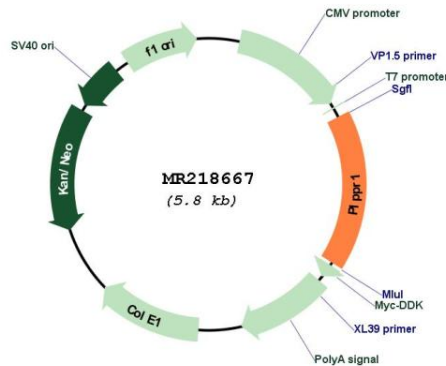
**Locus ID:** 272031

**UniProt ID:** [Q8BFZ2](#)

**Cytogenetics:** 4 B1

**MW:** 35.9 kDa

**Product images:**



Circular map for MR218667