

## Product datasheet for **RN205802**

### **Ppm1g (NM\_147209) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ppm1g (NM_147209) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppm1g
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205802 representing NM\_147209  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTGCCTACCTCTCTCAGCCCAACACGGTGAAGTGCTCCGGGACGGGGTTGGCGCCCCGGGCTCC  
 CGCTGCCCTACGGCTTCTCCGCCATGCAAGGCTGGCGCGTCTCCATGGAGGATGCTCACAACGTATTCC  
 TGAGCTGGACAATGAGACAGCTATGTTTTCTGTCTACGACGGACATGGAGGGGAAGAGGTCGCCTTGATC  
 TGTGCCAAATATCTTCTGATATTATCAAAGATCAGAAGGCCATAAGGAAGCAAGCTTCAAGAGGCTT  
 TACAAGATGCCTTCTGGCTATCGATGCCAAGCTGACTACAGATGAAGTCATTAAGGAAGTGGCGCAGAT  
 TGCAGGGAGACCCACTGAAGATGAGGATGATAAAGAAAAAGTAGCAGATGAGGATGATGTGGACAATGAG  
 GAGGCTGCATTGTGCATGAGGAGGCTACCATGACTATTGAAGAGTTGCTGACACGATATGGGCAGAACT  
 GTCAGAAGGGCCCTCCCCACACCAAACTGGAAGTGGGATAGGTGATGAACAGAGCCCCAGGGCCCTCAA  
 TGGTGAGGCTGGACCTGAGGACCATCTAGGGAACTCCTTCCCAGGAAAATGGCCCCACAGCCAAAGGC  
 CACACAGGCCCTTCTCCAACCTAGACCATGGGACTGAGGCAGGCCAAATTTGGTGAAGCCCGTACTGCTA  
 CTGGTGAGGCTGGACCTTCTGCTTTCAGCCTCTGACAAGCTGCCTCGAGTTGCTAAGTCCAAGTTCTT  
 TGAGGACAGTGAGGATGAATCAGATGAGGTGGAGGAGGAAGAGGATGACAGTGAGGAATGTAGTGAGGAC  
 GAGGACGGCTACAGCAGTGAGGAGGCAGAGAACGAGGAGGACGAGGATGACACGGAGGAGGCTGAAGAGG  
 ATGACGATGAAGAGATGATGGTCCCTGGAATGGAAGGCAAGAGGAGCCTGGCTCTGACAGTGGCACAAC  
 AGCAGTGGTGGCTCTCATACGAGGGAAGCAGTTGATTGTGGCCAATGCAGGAGACTCTCGCTGTGTGGTG  
 TCTGAGGCTGGCAAAGCTTTAGATATGTCCTATGACCACAAACAGAGGATGAAGTGGAGTGGCACGGA  
 TCAAGAAATGCTGGTGGCAAGGTCACCATGGATGGACGAGTCAATGGAGGCTCAACCTCTCCAGGGCCAT  
 TGGAGACCACTTCTACAAGAGAAAACAAAAACTTGCCCCCAGGAACAGATGATTTCTGCCCTTCTGAC  
 ATCAAGGTGCTGACTCTCACTGATGACCATGAATTCATGGTCATTGCTTGTGACGCATCTGGAATGTGA  
 TGAGCAGCCAGGAAGTTGTAGACTTTATTCAATCAAAGATCAGCCAACGTGATGAAAATGGGGAGCTTCG  
 GTTATTGTATCCATTGTGGAAGAGCTGCTGGATCAGTGTCTGGCCCCAGACACTTCTGGGGATGGTACA  
 GGGTGTGACAACATGACGTGCATCATCTTTGCTTCAAGCCCCGAAACACAGTAGAGCTTCAAGCAGAGA  
 GTGGCAAGAGGAACTGGAGGAGGCACTCTCCACGGAGGGGGCTGAAGAGAAATGGCAACAGTGACAAGAA  
 GAAGGCCAAGCGGGACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_147209
- Insert Size:** 1629 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\\_147209.2](#), [NP\\_671742.1](#)

**RefSeq Size:** 2182 bp

**RefSeq ORF:** 1629 bp

**Locus ID:** 259229

**Cytogenetics:** 6q14