

## Product datasheet for **RN203434**

### **Ppm1j (NM\_001005540) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ppm1j (NM_001005540) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppm1j
Synonyms:	MGC95205
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203434 representing NM\_001005540  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTAAACCGGGTGCCTCGGCCGTGGCGCACCTGGTGAGCTCCAGTGGCACTTCTTCCACGCGCTCCA  
 AGTCTCCAGATCTGCCAAAGCTATCTCACCGCTCCGGGAGCCCTAGAGACACCTAAGAGCCCCGGGAC  
 GAAGTCTGGGAACGAGATCCCCGCGCCCCAGAAGACCGGGAGACTCCAGTGAGCTTCTCTCGACCCACC  
 TTTCTGCAGCTGAGCCCCGGGGGCTGCGACGCGCCGACGACCACGTAGGCCGGGCTGTGCAAAGCCCTC  
 CGGACACCGGTCGCCGCTGCCTTGGAGCACAGGCTATGCCGAGGTCATCAATGCTGGCAAGAGCAGGCA  
 CAATGAGGACCAGGCTTGTGTGAGGTCGTGTATGTGAAAGCCGGAGGAGCATTACAGGGGTCTCCAGG  
 GAGCCTAGCCATAACCAGGGATTCACTTCTACTACTGGGCTGTTTGTGGCACGCAGGTGGTGGAG  
 CAGCTGAAATGGCTTCCCGCTCCTGCATCGCCACATCCGGGAACAGCTAAAGGATCTAGTAAATACT  
 TCAGGACCCCTTGCCACCCCGCTGTCTCCATCCACTCCAGGAACCCAGGAGTCTCTAGCCCTTCA  
 CAGTTGGTTAGCCCTCAGTCCTGGTCCACAGAAAGTAAGTACCCATGACAGCCTGGTAGTAGGGGCCA  
 TTGAGAACGCTTCCAGCTCATGGATGAGCAGATGGCTCGGGAGCGGCGTGGCCACCTAGTGAAGGGGG  
 CTGCTGTGCACTGGTGTGGTATACCTGCTAGGCAAGATGTATGTGGCTAATGCAGGTGACAGCAGGGCC  
 ATCATTGTCCGGAATGGTGAATCATTCCAATGTCCCGGAGTTCACACCAGAGACAGAGCGTCAGCGTC  
 TTCAGTCTGGCTTTCTGAAACCAGAACTGCTGGGCAGTGAGTTCACCCACCTTGAGTTTCCCGAAG  
 AGTTACAGCCAAGAACTAGGGCAGAGGATGCTGTACAGGGACCAGAATGACTGGCTGGGCTACAAA  
 AAGATTGAGTTGGAGGATCTCAGGTTTCTCTGGTCTGTGGAGAGGGCAAAAAGGCCCGGTAATGGCTA  
 CCATTGGGGTGACACGGGGCTTGGGAGACCACAACCTAAGGCTGCAGTCTACTCTGCCATCAAGC  
 TTCTCTCCTGCTTTCCTGAAGTACGAGTGTATGATCTGACACAGTATGAGCACTGTCCAGATGATGTG  
 CTGGTCTGGGAACAGATGGCTTATGGGATGTGACCAATGACTCTGAGGTAGCTGCCACTGTGGACAGGG  
 TGCTGTCAACCTATGAGCCCAATGATCCAGCAGGTATACAGCTCTGGCCCAAGCTCTGGTCTGGGGC  
 CCGGGGAATCCCCGGGACCGTGGCTGGCGTCTCCAAACAACAAGTGGGTTCCGGGGATGACATCTCG  
 GTCTTCGTATCCCCCTGGGAGGGCCAGGCAGCAGTTACTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001005540
- Insert Size:** 1515 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\\_001005540.1](#), [NP\\_001005540.1](#)

**RefSeq Size:** 1711 bp

**RefSeq ORF:** 1515 bp

**Locus ID:** 295341

**UniProt ID:** [Q641Y6](#)

**Cytogenetics:** 2q34