

Product datasheet for **MC218167**

Ppm1g (NM_008014) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppm1g (NM_008014) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppm1g
Synonyms:	A1385652; Fin13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218167 representing NM_008014
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGCTACCTCTCTCAGCCCAACACGGTGAAGTGCTCCGGGACGGGGTTGGCGCCCCGGGCTCC
 CGCTGCCCTACGGCTTCTCCGCCATGCAAGGCTGGCGCGTCTCCATGGAGGATGCTCACAACGTATTCC
 TGAGCTGGACAATGAGACAGCCATGTTTTCTGTCTACGATGGACATGGAGGGGAAGAGGTTGCCTTGATC
 TGTGCCAAATATCTTCTGATATTATCAAAGATCAGAAGGCCATAAGGAAGGCAAGCTTCAAGAGGCTT
 TACAAGATGCCTTCTGGCTATTGATGCCAAGCTGACCACAGAGGAAGTCATTAAGGAAGTGGCCAGAT
 TGCAGGGAGACCCACTGAAGATGAGGATGATAAAGACAAAGTAGCAGATGAGGATGATGTGGACAATGAG
 GAGGCTGCATTGTGCATGAAGAGGCTACCATGACTATTGAAGAGCTGCTGACCGGATATGGGCAGAACT
 GTCAGAAGGTCCCTCCCCACACCAAACTGGAATTGGGACAGGCATGAACAGGGCCCCAGGGCCTCAA
 TGGGGAGGCTGGACCTGAGGACCATCTAGGGAACTCCTTCCCAGGAAAATGGCCCCACAGCCAAAGGC
 CACACAGGCTTTTCTCCAACCTCGGAACATGGGACTGAGGCAGGCCAAATTAAGTAGCCCGTACTGCTA
 CCGGTGAGGCTGGACCTTCTGCTCTTACGCTCTGACAAGCTGCCTCGAGTTGCTAAGTCCAAGTTCTT
 TGAGGACAGTGAAGATGAATCAGATGAGGTGGAGGAAGAGGAGGATGACAGTGAAGGATGTAGTGAAGG
 GAGGACGGCTACAGCAGTGAAGGAGCAGAGAACGAGGAAGACGAGGATGACACGGAGGAGGCTGAAGAGG
 ATGATGATGAAGAGATGATGGTCCCTGGAATGGAAGGCAAGAAGAGCCTGGTTCTGACAGTGGCACAAC
 AGCGGTGGTGGCTCTGATCAGAGGGAAGCAGTTGATTGTGGCCAATGCAGGAGACTCTCGCTGTGTGGT
 TCCGAGGCTGGCAAAGCTTTAGATATGTCCTATGACCACAAACCAGAGGATGAAGTGGAGCTGGCAGCA
 TCAAGAAATGCTGGTGGCAAGGTCACCATGGATGGACGAGTCAATGGAGGCCTCAACCTCTCCAGGGCCAT
 TGGAGACCACTTCTACAAGAGAAAACAAAACCTTGCCACCCAGGAACAGATGATTTCTGCCCTTCTGAC
 ATCAAGGTGCTGACTCTCACTGATGACCATGAATTCATGGTCATTGCTTGTGACGGCATCTGGAATGTGA
 TGAGCAGCCAGGAGGTTGTAGACTTTATTCAATCAAAGATCAGTCAACGTGATGAAAACGGGGAGCTTCG
 GTTATTGTATCCATTGTGGAAGAGCTGCTGGATCAGTGCCTGGCGCCAGACACTTCTGGGGATGGTACA
 GGGTGTGACAACATGACGTGCATCATCATTGCTTCAAGCCCCGAAACACAGTAGAGCTTCAAGCAGAGA
 GTGGCAAGAGGAACTGGAGGAGGCACTGTCCACGGAGGGGGCTGAAGACACCGGCAACAGTGACAAAAA
 GAAGGCCAAGAGGGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_008014
- 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_008014.3](#), [NP_032040.1](#)

RefSeq Size: 2165 bp

RefSeq ORF: 1629 bp

Locus ID: 14208

UniProt ID: [Q61074](#)

Cytogenetics: 5 17.27 cM

Gene Summary: May be involved in regulation of cell cycle.[UniProtKB/Swiss-Prot Function]