

## Product datasheet for **MR208655**

### **Ppm1g (NM\_008014) Mouse Tagged ORF Clone**

#### **Product data:**

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



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**ORF Nucleotide Sequence:**

>MR208655 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTGCCTACCTCTCTCAGCCCAACACGGTGAAGTGCTCCGGGACGGGGTTGGCCGCCCGGGCTCC  
 CGCTGCCCTACGGCTTCTCCGCCATGCAAGGCTGGCGCGTCTCCATGGAGGATGCTCACAAGTATTCC  
 TGAGCTGGACAATGAGACAGCCATGTTTTCTGTCTACGATGGACATGGAGGGGAAGAGGTTGCCTGTAC  
 TGTGCCAAATATCTTCTGATATTATCAAAGATCAGAAGGCCATAAGGAAGCAAGCTTCAAGAGGCTT  
 TACAAGATGCCTTCTGGCTATTGATGCCAAGCTGACCACAGAGGAAGTCATTAAGGAAGTGGCCAGAT  
 TGCAGGGAGACCCACTGAAGATGAGGATGATAAAGACAAAGTAGCAGATGAGGATGATGTGGACAATGAG  
 GAGGCTGCATTGTTGCATGAAGAGGCTACCATGACTATTGAAGAGCTGCTGACCGGATATGGGCAGAACT  
 GTCAGAAGGTCCCTCCACACCAAATCTGGAATTGGGACAGGCGATGAACAGGGCCCCAGGGCTCAA  
 TGGGGAGGCTGGACCTGAGGACCATCTAGGGAACTCCTTCCAGGAAAATGGCCCCACAGCCAAAGGC  
 CACACAGGCTTTTCTCCAACCTCGGAACATGGGACTGAGGACAGGCCAAATTAAGTAGCCCGTACTGCTA  
 CCGGTGAGGCTGGACCTTCTGCTCTTACGCTCTGACAAGCTGCCTCGAGTTGCTAAGTCCAAGTCTT  
 TGAGGACAGTGAAGATGAATCAGATGAGGTGGAGGAAGAGGAGGATGACAGTGAAGGATGTAGTGAAGG  
 GAGGACGGCTACAGCAGTGAAGGACGAGAGAACGAGGAAGACGAGGATGACACGGAGGAGGCTGAAGAGG  
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 AGCGGTGGTGGCTCTGATCAGAGGGAAGCAGTTGATTGTGGCCATGCAGGAGACTCTCGCTGTGTGGT  
 TCCGAGGCTGGCAAAGCTTTAGATATGTCCTATGACCACAAACCAGAGGATGAAGTGGAGCTGGCAGCA  
 TCAAGAAATGCTGGTGGCAAGGTCACCATGGATGGACGAGTCAATGGAGGCCTCAACCTCTCCAGGGCCAT  
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 GTTATTGTATCCATTGTGAAGAGCTGCTGGATCAGTGCCTGGCGCCAGACACTTCTGGGGATGGTACA  
 GGGTGTGACAACATGACGTGCATCATCATTGCTTCAAGCCCCGAAACACAGTAGAGCTTCAAGCAGAGA  
 GTGGCAAGAGGAACTGGAGGAGGCACTGTCCACGGAGGGGGCTGAAGACACCGGCAACAGTGACAAAAA  
 GAAGGCCAAGAGGGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208655 protein sequence  
 Red=Cloning site Green=Tags(s)

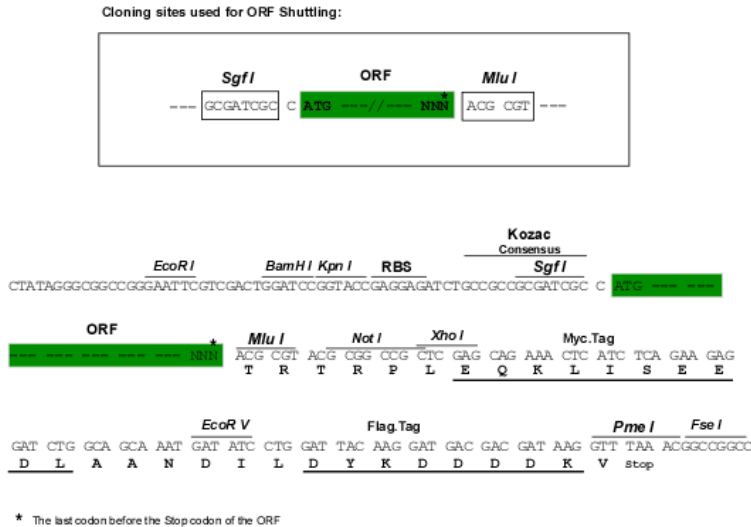
MGAYLSQPNTVKCSGDGVGAPRLPLPYGFSAMQGWVSMEDAHNCIPELDNETAMFVSYDGHGGEEVALY  
 CAKYLPDIKDKQKAYKEGKLQKALQDAFLAIDAKLTTEEVIKELAQIAGRPTEDDDKDKVADEDDVDNE  
 EAALLHEEATMTIEELLTRYGQNCQKVPHTKSGIGTGDEPGPQGLNAGEAGPEDPSRETSPQENGPATKG  
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 EDGYSSEEAENEDEDDTEEAEDDDDEEMMVPMEGKEEPGSDSGTTAVVALIRGKQLIVANAGDSRCVV  
 SEAGKALDMSYDHPPEDEVELARIKNAGGKVTMDGRVNGGLNLSRAIGDHFYKRNKLNPPQEQMISALPD  
 IKVLTLDDHEFMVIACDGIWVMSQEVVDFIQSKIQRDENGELRLLSSIVEELLDQCLAPDTSVGDG  
 GCDNMTCIIICFKPRNTVELQAESGKRKLEELSTEGAEDTGNSDKKKAKRD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_008014

ORF Size: 1629 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\\_008014.3](#), [NP\\_032040.1](#)

RefSeq Size: 2165 bp

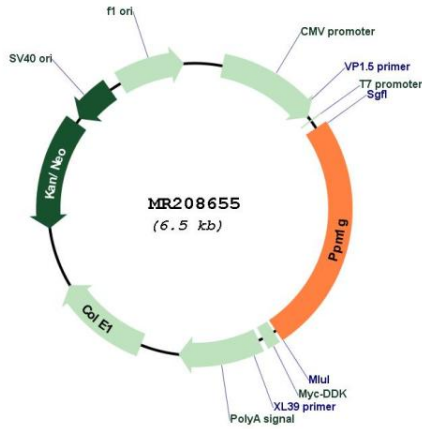
RefSeq ORF: 1629 bp

Locus ID: 14208

UniProt ID: [Q61074](#)

Cytogenetics: 5 17.27 cM  
 MW: 58.7 kDa  
 Gene Summary: May be involved in regulation of cell cycle.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208655