

## Product datasheet for **RG209547**

### PMF1 (NM\_007221) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: PMF1 (NM\_007221) Human Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: PMF1  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >RG209547 representing NM\_007221  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCGAAGCAAGTAGCGCCAATCTAGGCAGCGGCTGTGAGGAAAAAGGCATGAGGGGTCTCTTCGG  
 AATCTGTGCCACCCGGCACTACCATTTTCGAGGGTGAAGCTCCTCGACACCATGGTGGACACTTTTCTTCA  
 GAAGCTGGTCGCCCGGCAGCTACCAGAGATTCAGTACTGCTATAAGTCTTACCAGTTGCAGCCT  
 GCGATGACACAGCGAATCTATGACAAGTTATAGCTCAGTGCAGACATCTATCCGGGAGGAAATCTCTG  
 ACATCAAAGAGGAGGGGAACCTAGAAGCTGTCTTGAATGCCTGGATAAAAATTGTGGAAGAAGGCAAAGT  
 CCGCAAAGAGCCAGCCTGGCGCCCCAGCGGATCCCAGAGAAGGATCTGCACAGTGTATAGCACCCCTAC  
 TTCTGCAGCAACGGGACACCCTGCGGCCCATGTGCAGAAACAGGAGGCCGAGAACCAGCAGCTGGCAG  
 ATGCCGTCTGGCAGGGCGGAGGAGGTGGAGGAGCTGCAGCTACAGGTCCAGGCCAGCAGCAGGCCTG  
 GCAGGCTCTACACAGAGAACAGAGGGAGCTGGTTGCTGTGCTGAGGGAGCCTGAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG209547 representing NM\_007221  
 Red=Cloning site Green=Tags(s)

MAEASSANLGSCEEKREHSGSSSESVPPTTISRKLLDTMVDTFQKLVAAGSYQRFTDCYKCFYQLQP  
 AMTQRIYDKFIAQLQTSIREEISDIKEEGNLEAVLNALDKIVEEGKVRKEPAWRPSGIPEKDLHSVIAPY  
 FLQQRDTLRRHVQKQEAENQQLADAVLAGRRQVEELQLQVQAQQAWQALHREQRELVAVLREPE

**TRTRPLE** - GFP Tag - V

Restriction Sites: Sgfl-MluI

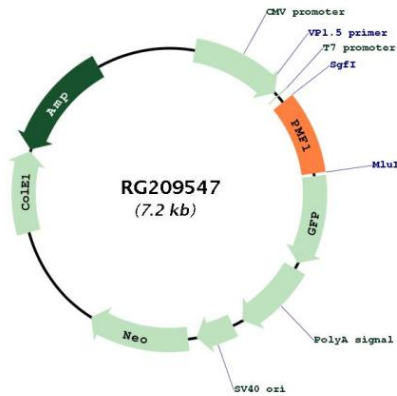


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**Locus ID:** 11243  
**UniProt ID:** [Q6P1K2](#)  
**Cytogenetics:** 1q22  
**Protein Families:** Stem cell - Pluripotency  
**Gene Summary:** Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis. May act as a cotranscription partner of NFE2L2 involved in regulation of polyamine-induced transcription of SSAT. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG209547