

## Product datasheet for **MC206732**

### **Pmf1 (BC037139) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pmf1 (BC037139) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pmf1  
**Synonyms:** 2600009M07Rik; AL033286; AW060657  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC037139  
CCACGCGTCCGTTTCAACATGGCTGAGGTGAGCCGAGATAGCGAGGCTGCGGAAAGGGGCCTGAGGGCT  
CCTCTCCGGAAGCTGTGCCAGGGGACGCGACCATCCCCAGGGTAAAACCTCTGGACGCCATAGTAGACAC  
TTTCCTCCAGAAGCTAGTCGCCGACAGGAGCTACGAGAGGTTACCCACCTGCTACAAACACTTCCACCAG  
TTGAACCTTGAGGTGACGACAGAGGATCTATGACAAGTTTGTGGCTCAGTTGCAGACATCCATCCGCGAGG  
AAATCTCAGAAATCAAAGAGGAGGGGAACCTAGAAGCTGTCTGAACTCCCTGGATAAGATCATAGAAGA  
AGGCAGAGAGCGCGGAGAGCCAGCCTGGCGACCCAGTGAATCCCAGAGAAAAGACCTGTGTAGTGCATG  
GCACCCTACTTCTGAAGCAACAGGATACCCTGTGTCAAGTACGAAAACAGGAAGCCAAGAACCAGG  
AACTGGCCGACGCTGTCTGGCCGGGCGCAGGCAGGTGGAGGAGCTGCAGCAGCAGGTTCCGGCCCTCCA  
GCAAACATGGCAGGCTCTACACAGAGAGCAGAGGGAGCTGCTGTGCTGAGGGCGCCTGAGTGAACA  
GCTGCTGGGCTCAGCCCTCTAGAGCGCCTGTGGAGGCAGTTTCCAGGCAGTAATGGAGTCCCACCACCG  
CTTAGGTTCTGCTGGGGTCACTGCCTTCCAGATTCTGCGCCATCTTCTGCCTGCAGGATTGGGACTC  
CCACCCTGGCATCAGACACCAGGCTTTGTCTTCTGGAGTTGCAGCCAGCGCTGCCCATGCCCTTCTGAT  
CCTCCCCCTCTCCACC GCCCTCCCTGGATAGGATTTGGGCAGGGTTTTCAGTCTCCACTGATTGCCGCCCT  
TGTTCTCCCTGACTGATTGCTGCCTTGCTGGCTAGCCCAAGGGCCCTGCCATGTTCTCCCACATCCGTA  
AATAAACTTCTTTCCACACAAAAA

**Restriction Sites:** EcoRI-NotI

**ACCN:** BC037139

**Insert Size:** 609 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).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC037139</a></u> , <u><a href="#">AAH37139</a></u>
<b>RefSeq Size:</b>	1016 bp
<b>RefSeq ORF:</b>	609 bp
<b>Locus ID:</b>	67037
<b>Cytogenetics:</b>	3 F1
<b>Gene Summary:</b>	Part of the MIS12 complex which is required for normal chromosome alignment and segregation and for kinetochore formation during mitosis (By similarity). May act as a cotranscription partner of NFE2L2 involved in regulation of polyamine-induced transcription of SSAT.[UniProtKB/Swiss-Prot Function]