

## Product datasheet for **SC331336**

### PMF1 (NM\_001199654) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PMF1 (NM\_001199654) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PMF1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331336 representing NM\_001199654.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCCGAAGCAAGTAGCGCCAATCTAGGCAGCGGCTGTGAGGAAAAAGGCATGAGGGGTGCTCTTCG
GAATCTGTGCCACCCGGCACTACCATTTTCGAGGGTGAAGCTCCTCGACACCATGGTGGACACTTTTCTT
CAGAAGCTGGTCGCCCGCCGGCAGCTCTCCACTCCTTCATTGGGACGGAAGTGCTGGTCCCGCCTGCC
TCTGGTGGACAGTCTGTGAAACAGGCCTTCAGTTGGGCGCGTGCAGGTTACCACAGGGGAGGAAGGAG
GAAATCTCTGACATCAAAGAGGAGGGGAACCTAGAAGCTGTCTTGAATGCCTTGGATAAAAATTGTGGAA
GAAGGCAAAGTCCGCAAAGAGCCAGCCTGGCGCCCGGATCCCAGAGAAGGATCTGCACAGTGT
ATGGCACCTACTTCTGCAGCAACGGGACACCTGCGGCCCATGTGCAGAAACAGGAGCCGAGAAC
CAGCAGCTGGCAGATGCCGTCTGGCAGGGCGGAGGCAGGTGGAGGAGCTGCAGCTACAGGTCCAGGCC
CAGCAGCAGGCCTGGCAGGCTCTACACAGAGAACAGGGAGCTGGTTGCTGTGCTGAGGGAGCCTGAG
TGA
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001199654  
**Insert Size:** 624 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).



[View online »](#)

<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>NM_001199654.1</u>
<b>RefSeq Size:</b>	1128 bp
<b>RefSeq ORF:</b>	624 bp
<b>Locus ID:</b>	11243
<b>UniProt ID:</b>	<u>Q6P1K2</u>
<b>Cytogenetics:</b>	1q22
<b>Protein Families:</b>	Stem cell - Pluripotency
<b>MW:</b>	22.9 kDa
<b>Gene Summary:</b>	<p>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.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>