

Product datasheet for **SC331335**

PMF1 (NM_001199653) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PMF1 (NM_001199653) Human Untagged Clone
Tag: Tag Free
Symbol: PMF1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331335 representing NM_001199653.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCGAAGCAAGTAGCGCCAATCTAGGCAGCGGCTGTGAGGAAAAAGGCATGAGGGGTCGTCTTCG
GAATCTGTGCCACCCGGCACTACCATTTTCGAGGGTGAAGCTCCTCGACACCATGGTGGACACTTTTCTT
CAGAAGCTGGTCGCCCGCCGGCAGCTACCAGAGATTCAGTACTGCTATAAGTGCTTCTACCAGTTGCAG
CCTGCGATGACACAGCAAATCTATGACAAGTTTATAGCTCAGTTGCAGACATCTATCCGGGAGGAAATC
TCTGACATCAAAGAGGAGGGGAACCTAGAAGCTGTCTTGAATGCCTTGGATAAAAATTGTGGAAGAAGGC
AAAGTCCGCAAAGAGCCAGCCTGCAACGGGACACCCTGCGGCGCCATGTGCAGAAACAGGAGGCCGAGA
ACCAGCAGCTGGCAGATGCCGTCCTGGCAGGGCGGAGGCAGGTGGAGGAGCTGCAGCTACAGGTCCAGG
CCCAGCAGCAGGCTGGCAGGCTCTACACAGAGAACAGAGGGAGCTGTTGCTGTGCTGA
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Restriction Sites: SgfI-MluI

ACCN: NM_001199653

Insert Size: 543 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.



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RefSeq:	NM_001199653.1
RefSeq Size:	1061 bp
RefSeq ORF:	543 bp
Locus ID:	11243
UniProt ID:	Q6P1K2
Cytogenetics:	1q22
Protein Families:	Stem cell - Pluripotency
MW:	20.2 kDa
Gene Summary:	<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. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an alternate exon but includes another in-frame exon in the 5' coding region, and uses an alternate splice site that causes a frameshift in the 3' coding region, compared to variant 1. The resulting isoform (3) has a distinct C-terminus and is shorter than isoform 1.</p>