

## Product datasheet for **SC122505**

### PMF1 (BC033656) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PMF1 (BC033656) Human Untagged Clone
Tag:	Tag Free
Symbol:	PMF1
Synonyms:	PMF1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for BC033656 edited</p> <pre> GGACGCGTGGGCTTCAACATGGCCGAAGCAAGTAGCGCCAATCTAGGCAGCGGCTGTGAG GAAAAAAGGCATGAGGGGTCGTCTTCGGAATCTGTGCCACCCGGCACTACCATTTTCGAGG GTGAAGCTCCTCGACACCATGGTGGACACTTTTCTTCAGAAGCTGGTCGCGCCGGCAGC TACCAGAGATTCACTGACTGCTATAAAGTCTTCTACCAGTTGCAGCCTGCGATGACACAG CGAATCTATGACAAGTTTATAGCTCAGTTGCAGACATCTATCCGGGAGGAAATCTCTGAC ATCAAAGAGGAGGGGAACCTAGAAGCTGTCTTGAATGCCTTGGATAAAATTGTGGAAGAA GGCAAAGTCCGCAAAGAGCCAGCCTGGTGCAGAGCCAGCGGTGCAGAGTCCAGCAAAGG TGCAGCCTTTGTGTCCAAGCAGGAGGGCAGCGAGGTAGTGAAGAGACCCAGGCGCTACCT GTATCAATGGCTGGGAGCCCCAGTCCCCTACCCGGATCCCCTGGAGCCCAGGAGGGAGGT GTGTGAGCTCAATCCGGACTGTGACGAGTTGGCTGACCACATCGGCTTTCAGGAGGCCTA TCGGCGCTTCTACGGCCCGGTCTAGGGTGTGCTGCTGGCCTGGCCGGCAACCCCACT TCTGCTCCTCTCCAGGCACCCCTTCTTCTCTTCCCCTTGCCCTTGCCCTGACCTCCCAG CCCTATGGATGTGGGGTCCCCATCATCCCAGCTGCTCCCAAATAAACTCCAGAAGAGGAA TCTGAAA </pre>



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC033656 unedited NCCAGATTAGCAATTTTGTATACGACTTCACTATAGGCGGCCGCGATTCCCGGGGTATCG TCGACCCACGCGTCCGCGGACGCGTGGGCTTCAACATGGCGCGAAGCAAGTAGCGCAAT CTAGGCAGCGGCTGTGAGGAAAAAGGCATGAGGGGTCGTCTTCGGAATCTGTGCCACCC GGCACTACCATTCGAGGGTGAAGCTCCTCGACACCATGGTGGACACTTTTCTTCAGAAG CTGGTCGCGCGCGGCAGCTACCAGAGATTCACTGACTGCTATAAGTGCTTCTACCAGTT GCAGGCTGCGATGACACAGCGAATCTATGACAAGTTTATAGCTCAGTTGCAGACATCTAT CCGGGAGGAAATCTCTGACATCAAAGAGGAGGGAACCTAGAAGCTGTCTTGAATGCCTT GGATAAAATTGTGGAAGAAGGCAAAGTCCGCAAAGAGCCAGCCTGGTGCGAAGCCACGCG GTGCAGAGTCCAGCAAAGGTGCAGCCTTTGTGTCCAAGCAGGAGGGCAGCGAGGTAGTGA AGAGACCCAGGCGCTACCTGTATCAATGGCTGGGAGCCCCAGTCCCCTACCCGGATCCCC TGGAGCCCAGGAGGGAGGTGTGTGAGCTCAATCCGGACTGTGACGAGTTGGCTGACCACA TCGGCTTCAAGAGGCCTATNCGCGCTTCTACGGCCCGGTCTAGGGTGTGCTCTGCTGG CCTGGCCGCAACCCAGTTCTGCTCCTCTCCAGCACCTTCTTTTCTCTCCCCCTTG CCCTTGCCCTGGACTNCCAGCCCTATGGATGTGGGGTCCCATCATCCAAGCTGGTTCC CAATAAACTCCAGAGGAGGAATCTTGGNNAAAAAGNAAAACGCCNNNTNNNTTATGGG GCGGGCCCGGTTCTAGCT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC033656
<b>Insert Size:</b>	832 bp
<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">BC033656.2</a>
<b>RefSeq Size:</b>	820 bp
<b>Locus ID:</b>	11243
<b>Cytogenetics:</b>	1q22
<b>Protein Families:</b>	Stem cell - Pluripotency
<b>Gene Summary:</b>	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]