

Product datasheet for **SC127025**

PMS2P3 (AK098276) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PMS2P3
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for AK098276, the custom clone sequence may differ by one or more nucleotides

ACTGCCCTGGCTTCTGCGCCTCTTCAGGTCATCGTTGCTCTCGTTCCAGGCTTTGGCCTCTAGTGGA
CGAGAATCACCGAGTCTGCGGGGCTGGACGCTGACTGCCCGGGCCAGCACCTAGGCGGGCGGGAGCTGTG
CGGCCAGGGTTACGCGGGCCGGGTAGAGGCTCGAGCCGGGACCCCGAGCGGATCTGGGCCCCGAGAA
GGACCCCCCGCTGGATTGCCCCGTAGGCCCGGCCGAGCCCTCGGGAGCAGAACAGCTTTGGTGAGGT
GGACAGGAGGTGACCTCGCGAGCAGACGCGCGCCAGCGACAGCAGCCCGCCCGGCTCTTGGGAGCC
GTGGGGCAGAGGCTGCGGAGCCCCAGGAGGGCCGGAGCCCTCATGACTTCAGTGACCTGCTTCTGCCCT
CTAGGTCTATCAGCCACAGTCTCTGCAAGTTTCCAAGAGCAGCAGAAAAAGAACACATTGACAGGGGCCAG
TGTCATTCAAAGATGTGGCTGTGGATTTCACCCAGGAGGAGTGAGCAGCACTGGACCTGATGAGAAGAT
AGCATACGGGGATGTGATGTTGGAGAACTACAGCCATCTAGTTTCTGTGGGGTATGATTATCACCAAGCC
AAACATCATCATGGAGTGGAGGTGAAGGAAGTGGAGCAGGGAGAGGAGCCGTGGATAATGGAAGGTGAAT
TTCCATGTCAACATAGTCCAGGAGATTGTGAGAAATGGAGGAGGGGCCACAGATCCAAGGAAGTCCCCG
GACAAAGCCGGGAGGCGAGGAGAGCGGAGGAGGAGGTGCCGAGAGCATCAGCGGGGCTGCTCGGTGG
CACGAAGACGCCCGCGGGGACTGGAGAGGTGCGCTAGGGCCAGGCTACTCAGGCACGGAGGGCCACCTCC
CCTTCAGGGACGTGAGCATCTAGTGCACCTGATTTGTTGTTGAGGAACAGGAAATGAAACCCCGCAGCTT
TGAACACAATAACCCACGCCAGCCTCAGGCTCATGAATATTCAGCAGGCTGCTTGGCCTTGCAACCCCG
CCTCCGTTCCCTCTGCTCGCCGGCGCGCGGCTGTGTGTCATACTTGCAGCGCCGACGCCCGCTCGCT
TGTGAAACTGGAAGGCTGCCATGGCTAGCCAGCCGCTCCTCGGTGCGACCACCGAGGCCAAGAAAGA
GCCGCAGAGCTCGTCATCCCAAGAAATGCGGCGGAGGAGCAGAACTCAAGCTGGAGCGGCTCATGAAG
AACCCGGTGAGACGAGGCCAGGCTCCACGGCCGTCGAGGCCACCCCTTCTCTGCAGCGCTTCAG
GGTTCCCGCAGGTCCACCTTCCCGCTCCAACTCAGAACTCAGTATCCGACCCTCCAAGAGCAGTCT
TTGGGGAGGAGGAGGAGAAGGAGGCTGTCCCGAGATAGTGAACCTCCCGTCTGTCTTGTGTGAGAGCC
CAGCTTGAATCAAAGCAGGTGGAGCGGCTTCCCGTCTCAAGACCCCTTCTGGTTAACTTTCTGTGA
ACAAAAAGCGTTAGACTGAAAAGGTAGAATTTGTGGTTAGCAAAAGGTATACTCTAAACAACACTGAT
CGTTAGAGAGACAGTGGCCGAGACGTTTGGAGCTGGTCACTCCTCTCCCGCTCACACCCCTCTGGGCT
CGGTCCCTCAATCATAAAAAAATGAACGGGAACGTCCTTTATACCTTTAACTAGAAAAGCTTGACTC
TTCTTATCTAGTAGTGTTAAAGTTGGCGGTTTCTAGCTGGAAGTATGGCTTAGGTTTTTCACTTCTGCT
CTGGAAGCGTAGCCCTGGGAAGGTGTGGACTGTGTTATACCAAGAGTACATAGGATGAAAAAGCCAC
GACAGAGGGAAGAACACAAAATCAGCTCTGTGTCCAAGTAGCAAGCAGTCCTGCTTATTAGTCAATTA
AAATCTTTGGTCTTAAGAGATGTAACCTGGGCTGGGTGCTGTGGCCCTGCCTGTAATTTAGCGCTTT
GGGAGGCCAGGCGGGAGGATGGTCCGAGGCCAGGAAGGAGTCAAGACCAGCTGGGCAACATAGTGGGT
CCCTGTCTTTACAAAAATAAAAAATTGCCTGGT

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for AK098276 unedited
TTGTAATACGACTCACTATAGGGCGGCCGGAATTTCGGCAGAGGGGGCCGGGCGGGAGG
TGGTGGCGGAGGCGAAGGGGCGACGGGACCTGGGCCTGGCCGTGTGTCTCGCGGC
CTGGCGCGCGCCGCTCGCTGTACGGTCTATCAGCCACAGTCTCTGCAAGTTTCCAAGGCA
GCAGAAAATGAACACATTGCAGGGGCCAGTGTCATTCAAAGATGTGGCTGTGGATTTAC
CCAGGAGGAGTGGCAGCAACTGGACCCTGATGAGAAGATAGCATACGGGATGTGATGTT
GGAGAATAACGCCATCTAGTTTCTGTGGGTATGATTATACCAAGCCAAACATCATCA
TGGAGTGGAGGTGAAGGAAGTGGAGCAGGAGAGGAGCCGTGGATAATGGAAGGTGAATT
TCCATGTCAACATAGTCCAGGAGATTGTGAGAAATGGAGGAGGGGACACAGATCCAAGG
AAGTGCCCGGACAAAGCCGGGAGGCGAGGAGAGCCGAGGGGAGGAGGTGCCGAGAGCAT
CAGCGGGGCTGCTCGTGGCACGAAGACGCCCGCGGGGACTGGAGAGGTGCGCTAGGGCC
AGGCTACTCAGGCACGGAGGGGCCACCTCCCTTCAGGGACGTGAGCATCTAGCTGCACTG
ATTTGTTGTTGAGGAACAGGAAATGAAACCCCGCAGCTTTGAACACAATAACCCACGCCA
GCCTCAGGCTCATGAATATTCAGCAGGCTGCTTGCCTTGAACCCGCTCCGTTCC
CTCTGCTCGCCGGCGCGGGCTGTGTGTCATACTTGCAGCGCCGACCCGNCGCTCGCT
TGTGAAACTGGAAGGCTGNCATGCCTAGCCNAGCCGCTTCTCTGTGCGACCACCGAGCC
CCAGAAAGAGCCGAGAGCTCGTCATCCAGA

Restriction Sites: NotI-NotI

ACCN:	AK098276
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	AK098276.1
RefSeq Size:	2134 bp
RefSeq ORF:	2134 bp
Locus ID:	5387
Cytogenetics:	7q11.23
Domains:	KRAB
Protein Families:	Transcription Factors