

Product datasheet for **RN204053**

Pms1 (NM_001009535) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pms1 (NM_001009535) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pms1
Synonyms:	MGC72584
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204053 representing NM_001009535
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAACAGTTGCCTGCAGCGACAGTTCGCTCCTGTCCAGTTCTCAGACAATCACTTCAGTGGTCAGTG
 TTGTGAAAGAGCTCATTGAAAACCTCTTGATGCCGAGCAACAGCATTGATGTTAAACTGGAGAACTA
 TGGGTTTGATAAAATTGAGATTCGGGACAAATGGTGGGGCATCAAGGCTGTGGATGTCCCTGTCATGGCA
 GTAAAGTACTACACCTCCAAGATCAGCAGTCATGAAGACCTTCAAACCTCTCACAACCTATGGTTCCGTG
 GTGAAGCCTTGGGGCAATATGCAATGTTGCAGAGGTGGTAGTACAACAAGGACAGCTGCTGATGACTT
 TAGCACCCAGTATGTTTTAGATGGCAGTGGCCACATACTTCTCAGAAGCCTTCACATCTGGTCAAGGT
 ACAACTGTAACGGTCTAAAGTTGTTTAAAGTCTTCTGTAAGGAGACAATTTTATTCAACCCCAAAAA
 AGTGTAAGATGAACTAAAAATGTACAGGATCTTCTCATAAGCTACGCTGTCTGAAACCTGACCTAAG
 GATTACTTTTGTACATAATAAGGCAGTTATTTGGCAGAAAAGTAGAGTTCAGATCACAGGATGGCTCTA
 ATGTCCGTTCTGGGAACCTGCTGTCATGGCAACATGGAGTCTGTTGAGCGGTACTGTGAAGACTCTCAGA
 TTCACCTACGTGGATTATTTCCAAGCATGATGCAGACCACAATTCACAAAGTCTTTCAACCCCAAGAGAG
 AAGTTTCATCTTTATTAATAGTCGACCACTACATCAAAAAGATATACTAAAGTAAATCCGACATTATTAT
 AACCTGAAGTGCCATAAGGAATCTACCCGCTTGTACCCCATTTTCTTCTGAAAATTGATGTTCTTCAG
 CTGAGGTGGATATAAATCTAACACCAGATAAAAGTCAAGTGCTATTACAGAATAAGGAATCTGTTTTAAT
 TGCTCTTGAAAATCTGCTGATGACCTGTTATGGACCACTACCCACTACAGAGTCTTATGAAAATAACAGA
 GTAGATGTTTCTCAGCTAATGTTGTCATTAGTGAAACAACAGAAACAGATGTGCTTTTTAATAAAATGG
 AATCATCCGGAATAAATACCCAAATGCTGATACTTTGGCTATTCCCTTCAAATAATGATGAATAGAAA
 AAACACTGACCATCATTAAACGAACAGATAAATATAGTCACTGTGATGGTCATTTTAGTGGTGAATAT
 TCTCACATTAATAAGGACACGTTTCAAATAATCCCTAGGAATAATTTATCATCAGAGGCTAATCAGAGTA
 AACACAGTGAGACTCATTCTGCAGATTCTATTGAGCATATCCAAGGAGAAAATGGCAGGAGTGGTACAGG
 AGAAAATGGGGAAGATGGAAAAAACACTTCTGAGAAAGCTCTGAAAATCTGTGCAGACGACTGGAGC
 AAGGGAATGTGTTTAAATCAATGGGAGAGAATATCGAACCTGTGAAAATTTTAGTGCCACAAAAGAGCT
 TATCATGTAAGTGACTAATAGTCACCCAAACCCTGAACCAGAGAATCTCAGTGTGGTCTGCTAGCAG
 AACATCAATGTTATTGATAACAGGCCTGGGCAGCTTACAGCCTATGACTTAATTAGCAGTCGAGCAGTC
 AAGAAGCCATGTCAGCCTGTGCCCTGTTCATTCAAGACCACCGCACTCAGTTCCTCGCAGAGAATCCCA
 AGACTGGTTTGGAGGATGTGACAGCACAAATTAAGCACAGTGGGAGACACTGAGTGAAGAGGAAAAACA
 CAAATATGAGGAAAAGGCTAAAAAGACTTGAACGATACAATAACCAAATGAAGAAAGCCATTGAACAG
 GAAGCACAAAGTGTCAATAAAGATGGCAGGAAAAGCTAAGAGCCACTGGTGCCTGGGGCTGCACACAGA
 GACACAAGGTGAAAGACTTGTCTAACAGCCAAAACCTGGACGAGCTTCCAGTCCCAGAATGAAAAGAA
 GAGTGAATAATTAATAAACAAGATCCCTTTTCTATGGAAAACCTAAAAGTGAACCTTAACAAAACAA
 AAGGAAGTTGACTTAGAGGAGAAGGATGAGATTTGCCTGATCCACAGTCTCAAGTTTCTGATGCATGGC
 TGGTCACATCCAGAGCAGATGTCATGTTGCTGAACCCATACAGAGTGGAGGAAGCCCTGCTATTTAAAG
 ACTTCTTGAGAAATCATAAATCCTTGCAGAACCGCTAGATAAGCCAATCGTATTAACAGAGAGCTTTTT
 AATGGGTCTGATTATTTAGAAGTTTTACATAAAATGTGACAGTTGAGGAAAGATGCCGTGGATCAGTTT
 ACCTGTGTGACCCTCGTCTCACAGCAAATGGCTTCAAGATCAGATTGACACCAGGAGTTTCCAGTCTGA
 GAACTACTTGAAATAGAAGGCATGGCTAAGTGCCTCCCGTTCTATGGAGTAATGGATCTAAAGGAAATT
 CTTAATGCTATAGTAAACAAAAACGAAAGGAGATTTATGAATGTAGACCTCGAAAAGTGATAAATTATC
 TGGAGGGAGAAGCCGTCCGCCTATCCAGACAGCTACCCATGTACTTACCAGCAAGAGGATGTCAGGATCT
 TATCTATAAAATGAAGCACCAGTTCGAAAAGAAATTAAGGGTGTGTTTCATGGTCGCCATTTCTTCAT
 CATTGATCCATCTTCCAGGAACCTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_001009535
Insert Size:	2760 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:	<ol style="list-style-type: none">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.
RefSeq:	<u>NM_001009535.1</u> , <u>NP_001009535.1</u>
RefSeq Size:	3009 bp
RefSeq ORF:	2760 bp
Locus ID:	494322
Cytogenetics:	9q22