

## Product datasheet for **MC206622**

### **Pms1 (BC028939) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pms1 (BC028939) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pms1
Synonyms:	MGC36491
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC028939  
 TCCTGCTGAGCGCAGCCGTGCTTCGGTCCGAAGGACGTCCAGCGAAGTAGGCCGTGCAACTCAGGGTTTG  
 CTGAGTGCTTGCCGCTGTGGTGGTGAATGCGCGCTAGAAGCTACTCAGGTGCAAGCTAGGATGAAACAG  
 TTGCCTGCAGCAACAGTTCGCCTCCTGTCCAGTTCTCAGACAATCACGTCAAGTGGTCAGCGTTGTGAAAG  
 AGCTCATTGAAAACCTCTTGGATGCCGGAGCCACCAGCATTGAAGTTAACTGGAGAACTATGGATTTGA  
 TAAAATTGAGATTCGGGACAATGGTGAAGGACATCAAGGCTGTAGATGTCCTGTAATGGCAGTGAAGTAC  
 TACACCTCGAAGATCAGCAGTCATGAAGACCTTGAAAATCTGACAACCTTATGGTTTTCTGGTGAAGCCT  
 TGGGGTCAATATGTAATGTTGCGGAGGTGGTAGTTACAACAAGGACATCTGCTGATGACTTTAGCACTCA  
 GTATGTTTTAGATGGCAGTGGCCACATACTTTCTCAGAAGCCTTCACATCTTGGTCAAGGTACAACGTGA  
 ACTGCTCTAAAGTTGTTTAAAGAACTGCGCTGTAAGAAAACAATTTTACTCAACAGCTAAAAAGTGTAAAG  
 ATGAACTAAAAATGTACAGGACCTTCTCATAAGCTACGGTGTCTGAAACCTGATGTGAGGATTACTTT  
 TGTACATAATAAGGCAGTTATTTGGCAGAAAAGCAGAGTTCAGATCACAGGATGGCTCTAATGTCGGTT  
 CTGGAACTGCTGTCATGGGCAACATGGAATCTGTTGAGCAGCACTGTGAACAGTCGAGATTTACCTAA  
 GTGGATTCTTCCAAAGCAGATGCAGACCACAATCCACAAGTCTTTCAACCCAGAGAGAAGTTTCAT  
 CTTTATTAATAGTCGGCCAGTACATCAAAAAGATACTAAAGTTAATTCGACGCTATTATAATCTGAAG  
 TGCTTAAAGGAGTCTACCCGCTGTATCCCATTTTCTTTCTGAAAATTGATGTTCCATCAGCTGAGGTGG  
 ATATAATCTAACACCAGATAAAAGTCAAGTGTTATTACAGAATAAGGAATCTGTTTTAATTGCTCTTGA  
 AAATCTGATGATGACCTGTTACGGACCACTACCCACTACAGAGTCTTCTGAAAATAACAGAGTAGATATT  
 TCCTCAGCCAACATGGTTGTTAGTCAAACAGCCGAAAACAGATGTGCTTTTTAATAAAATGGAATCATTTG  
 GAAATAATTATCCAAATGCTGATACTTCGGCTATTCACTTCCAAAAGGATGAATCTAGAAAAACATTGA  
 TCATCATTTAAATGAACAGATAAATATAGGCAATATTTTGTAGTGGTCATTTTAGTGGTGACATTAATAAG  
 GACACATTTCAAATATTCCTATGAATAATTTATCATCAGAGACTAATCAGAGTAATCACAGTGAACACTC  
 ATCTGTAGGTTCTATGGAGCACATCCAAGGAGAAAATGGCAGGAATGGTACAGGAGGAGTGGGGGAGA  
 TGGGAGAGAAAACACTTCCCTGAGAAAAGCTCTGAAAATCTGTGCGAGCAGATTGGAGCAAAGGAAATTTGTG  
 AATTCAATGGGAGAGAATATCGAACCTGTGAAAATTTTAGTGCCACAAAAGAGCTTATCATGTAAAGTGA  
 CCAGTAGTCACCCACGCCTGAACCAGAGACTCTCAGTGTGGTCTTGTAGCAGAACATCAGATGTAAT  
 CCATAACAGATCTGGACGGCTTACAGCCTATGACTTAATTAGCAGTCGAGCAGTCAAGAAGCCCATGTCA  
 GCCAGTGCCTGTTTCAATCAAGACCACCGCACTCAGTTCCTCACAGAGAATCCCAAGACTGGTTTGGAGG  
 ATGCGACAGAACAAATCAAAGCACGATGGGAGACACTGAGTGAAGAGGAAAAGCACAAATACGAGGAAAA  
 GGCTAAAAAAGACTTGAACGATACAATAACCAAATGAAGAAAAGCTATTGAACAGGAGACACAAGTATCA  
 TTGAAAGACGGCAGGAAAAAAGGGCCACCAGTTCGTGGGGCTGGACACAGAAAACATAAGGTGAAAGACT  
 CATCTAATCAGCCAAAACCTTGATGAGCTCTTTCAGTCCCAGAATGAAAAGAAAGAGTGAATAATTAA  
 AATAACAGAGATTCCTTTTCTATGAAAACTTAAAAGCGAACTTGAAGAAAACAAAAGGAAGTTGACTTA  
 GAGGAGAAGGATGAGATTTACCTGATCCACAGTCTCAAGTTTCTGATTCTGGTGGTCCAGTCCAGAG  
 CCGATGTCATGTTACTGAACCCATACAGAGTGGAGGAAGCCCTGCTATTTAAAAGACTTCTTGAGAAATCA  
 TAACTCCTTGCAGAACCACTGGAAAAGCCAATTATATTAACAGAGAGTCTTCTTAATGGGTCTCATTAT  
 CTAGAGGTTTTATATAAATGTCAACAGTTGAAGAAAAGAGGCAGTGGATCAGCTTACCTGTGTGACCCTC  
 GTCTTACAGCAAAATGGCTCAAGATCAGATTGACACCAGGAGTTTCCAGTACTGAGAACTACTTGGAAAT  
 AGAAGGAATGGCTCAGTGTCTCCATTCTATGGAATAATGGATTTAAAGGAAATCTTAATGCTATAGTA  
 AACAAAAATGCAAAGGAGATTTATGAATGTAGACCTCGAAAAGTAATAAATTATCTGGAGGAGAAAGCCG  
 TCCGTCTATCCAGACAGTACCCATGACTTACCAAGAGAGGATGTCCAAGATCTTATCTATAGAATGAA  
 GCACCAGTTCCGAAAAGAAATTAAGGCTGTGTTTATGGCCGCCCATTTTTTTCATCATTTGACCCATCTT  
 CCAGGAACTTCATGATTAAGCTTATGACCATTAGTTACTATGAAAAGTGTGTTTCTTAACCCACTTT  
 GTCCTATCATGTATCAAAGTATTATTTGTATACTGAAAAGGTTTTTTTACAGCTATAAAATATGTATAA  
 ATAAATAATGGACTATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** BC028939  
**Insert Size:** 2754 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="#">BC028939</a> , <a href="#">AAH28939</a>
<b>RefSeq Size:</b>	3045 bp
<b>RefSeq ORF:</b>	2754 bp
<b>Locus ID:</b>	227099
<b>Cytogenetics:</b>	1 C1.1