

## Product datasheet for **MC222149**

### **Pms2 (NM\_008886) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pms2 (NM_008886) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pms2
Synonyms:	AW555130; Pmsl2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC222149 representing NM\_008886  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGCAAACCGAAGGCGTGAGTACAGAATGTGCTAAGGCCATCAAGCCTATTGATGGGAAGTCAGTCC  
 ATCAAATTTGTTCTGGGCAGGTGGTACTCAGTTTAAAGCACCCTGTGAAGGAGTTGATAGAAAATAGTGT  
 AGATGCTGGTGCTACTACTATTGATCTAAGGCTTAAAGACTATGGGGTGGACCTCATTGAAGTTTCAGAC  
 AATGGATGTGGGGTAGAAGAAGAAAACCTTTGAAGGTCTAGCTCTGAAACATCACACATCTAAGATTCAAG  
 AGTTTGCCGACCTCACGCAGGTTGAAACTTTGGCTTTGGGGGGAAGCTCTGAGCTCTCTGTGTGCACT  
 AAGTGATGCTACTATATCTACCTGCCACGGGTCTGCAAGCGTTGGGACTCGACTGGTGTGGACCATAAT  
 GGGAAAATCACCCAGAAAACCTACCCCGACCTAAAGGAACACAGTCAGTGTGCAGCACTATTTTT  
 ATACACTACCCGTGCGTTACAAAGAGTTTCAGAGGAACATTAAGGAGATGCCAAAATGGTGCAGGT  
 CTTACAGGCGTACTGTATCATCTCAGCAGGCGTCCGTGTAAAGCTGCACTAATCAGCTCGGACAGGGGAAG  
 CGGCAGCCTGTGGTGTGCAAGCGGCAGCTCTGGCATGAAGGAAAATATCGGGTCTGTGTTGGCCAGA  
 AGCAGTTGCAAAGCCTATTCTTTTGTTCAGCTGCCCCCTAGTGACGCTGTGTGTGAAGAGTACGGCCT  
 GAGCACTTCCAGGACGCCACAAAACCTTTCTACGTTTGGGGTTCATTTACAGTGCACGCACGGCGCC  
 GGGAGGAGTGCAACAGACAGGCAGTTTTTCTTCAATCAGAGGCCCTGTGACCCAGCAAAGGTCTCTA  
 AGCTTGTCAATGAGGTTTATCACATGTATAACCGGCATCAGTACCCATTTGTGCTCCTAACGTTTCCGT  
 TGACTCAGAATGTGTGGATTAATGTAAGTCCAGATAAAAGGCAAACTTACTACAAGAAGAGAAGCTA  
 TTGCTGGCCGTTTTAAAGACCTCCTTGATAGGAATGTTGACAGTGATGCAAAACAAGCTTAATGTCAACC  
 AGCAGCCACTGCTAGATGTTGAAGTAACCTTAAAGCTGCATACTGCAGAACTAGAAAAGCCTGTGCC  
 AGGAAAAGCAAGATAACTCTCCTTCACTGAAGACACAGCAGACGAGAAAAGGGTAGCATCCATCCAGG  
 CTGAGAGAGGCCCTTTTCTTCTCCTACTAAAGAGATCAAGTCTAGGGTCCAGAGACTGCTGAACTGA  
 CACGGAGTTTTCCAAGTGAGAAAAGGGCGTGTTATCCTTATCCTTACAGCGTCATCTTTACAGAGG  
 CCTCCGTGGCTCGCAGGACAAAATGGTGAGTCCCACGGACAGCCCTGGTGACTGTATGGACAGAGAGAAA  
 ATAGAAAAGACTCAGGGCTCAGCAGCACCTCAGCTGGCTCTGAGGAAGGGTTCAGCACCCAGAAAGTGG  
 CCAGTAGCTTTAGCAGTGACTATAACGTGAGCTCCCAGAAAGACAGACCTTCTCAGGAAACCATAAACTG  
 TGGTGACTTGGACTGCCGCTCCTCCAGGTACAGGACAGTCTTGAAGCCAGAAGACCATGGATATCAATGC  
 AAAGCTCTACCTAGCTCGTCTGTACCCACAAATGCCAAGCGCTTCAAGACAGAGGAAAGACCCTCAA  
 ATGTCAACATTTCTCAAAGATTGCTGGTCCCTCAGAGCACCTCAGCAGCTGAGGTGATGTAGCCATAAA  
 AATGAATAAGAGAATCGTGCTCCTCGAGTTCTCTCTGAGTTCTCTAGCTAAGCGAATGAAGCAGTTACAG  
 CACCTAAAGGCGCAGAACAAACATGAACTGAGTTACAGAAAATTTAGGGCCAAGATTTGCCCTGGAGAAA  
 ACCAAGCAGCAGAAGTGAACCTCAGAAAAGAGATTAGTAAATCGATGTTTGACAGAGATGGAGATCTTGGG  
 TCAGTTTAACTGGGATTTATAGTAACCAAACCTGAAAGAGGACCTTCTCCTGGTGGACCAGCATGCTGCG  
 GATGAGAAGTACAACCTTTGAGATGCTGCAGCAGCACACGGTGTCCAGGGCAGAGGCTCATCACACCC  
 AGACTCTGAACTTAACTGCTGTCAATGAAGCTGTACTGATAGAAAATCTGGAAAATTTAGAAAAGAAATGG  
 CTTTGACTTTGTCATTGATGAGGATGCTCCAGTCACTGAAAGGGCTAAATTTGATTTCTTACCAACTAGT  
 AAAAAGTGGACCTTTGGACCCCAAGATATAGATGAACTGATCTTTATGTTAAGTGACAGCCCTGGGGTCA  
 TGTGCCGGCCCTCACGAGTCAGACAGATGTTTGTCTCCAGAGCCTGTCCGAAAGTCAAGTATGATTGGAAC  
 GGCGCTCAATGCGAGCGAGATGAAGAAGCTCATCACCCACATGGGTGAGATGGACCACCCCTGAACTGC  
 CCCACGGCAGGCCAACCATGAGGCACGTTGCCAATCTGGATGTCATCTCTCAGAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_008886  
**Insert Size:** 2580 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="#">NM_008886.2</a> , <a href="#">NP_032912.2</a>
<b>RefSeq Size:</b>	3273 bp
<b>RefSeq ORF:</b>	2580 bp
<b>Locus ID:</b>	18861
<b>Cytogenetics:</b>	5 G2