

## Product datasheet for **RN206498**

### **Pms2 (NM\_001105908) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pms2 (NM_001105908) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pms2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206498 representing NM\_001105908  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTATAATCGGCACCAGTATCCATTTGTCGTTCTTAACGTGTCCGTGGACTCGGAATGTGTGGATATTA  
ACGTGACCCAGATAAAAGGCAGATTTTACTACAGGAAGAGAAGCTTTTGTGGCAGTTTTAAAGACGTC  
CTTGATGGGAATGTTTCGACAGTGTGCAAAACAAGCTTAGTGTCAACCAGCAGCCGCTGCTGAATGTCGAA  
GGTAACCTAGTAAAGCTACATACCCGAGAAGTAGGAGAGCAAGAGAAGTCTCCTTCATTGAGGATCACAG  
CGGAAGAGAAAAGGGTAGCATCTGTGTCTAGGCTGAGAGAGGCCATTCTCTTCATCGTACCACAGAGAC  
CAAGTCTTGGGGCCAGAGACTCTGAAGTGAACAGAGTTTTCCAAGTCAGAAAAGGGGTGTATCATCA  
TCTTGTCTTCAGACATCATCTTATAGAGGCCGTGTGGCTCACAGGACAAATGGTGAGTCCCACGG  
ATAGCCCTGGTGACTGTATGGACAGAGAAAAGGAGAAAAGGACTCAGGGCTTAGCAGCACCTCAGCTGG  
CTCTGAGGAAGGGTTCAGCACCCAGAAGTGGCCAGTAGCTTTAGCAGTACTGCAACGTGAGCTCCCCA  
GAGGACAGACCTTCTCAGGAAAACAAAAGTGTGGCAGCAGTTCCTTGAAGTGGATGACCACCTTTCAG  
GTACAGGACACCATTTGAAGCCAGAAGACAATGGATATAAATGTCGAGCTTCACTTCCACCAACTCGGCT  
CTCTCCCTCAAATGCTAAGCGTTTCAGGACAGAGGACAGGCCCTTCAAATGTTGGCGTTTCTCAGAACCC  
TCAGCAGCTGAGGTTGACGTAGCTGTAAAAATTAATAAGAAAATAGTGCTCCTTGACTTCTCTGAGCT  
CTTTAGCTAAACAAATGAAGCAGTTACAGCACCTGAAGCAGCAGAGCAAAAAGCGAACACAATTACAGGAA  
ATTTAGGGCCAAGATTTGCCCTGGAGAAAATCAAGCAGCAGAAGTGAAGTGAAGAGAGATTAGGAAG  
TCGATGTTGCGAGAGATGGAGATCTTGGGTCAGTTAACCTGGGATTCATCGTAACCAAAGTGAAGGAGG  
ACCTCTTCTGGTGGACCAGCACGCCGCGAGAGAAGTACAACCTTGGAGATGCTGCAGCAGCACACGGT  
GCTCCAGGCTCAGAGGCTCATCACTCCCCAGACTCTGAACCTTAACTGCTGTCAATGAAGCTGTGCTGATA  
GAAAATCTGGAATATTAGAAAAGAAATGGCTTTGACTTTATCATTGATGAAGATGCTCCAGTCACTGAAA  
GGGCTAAACTGATTTCTTACCCACTAGTAAAACTGGACCTTTGGACCCCAAGATATCGATGAAGTATGAT  
CTTTATGCTCAGTGACAGCCCTGGGGTCAATGTGCCGCCCTCGAGAGTCAAGCAGATGTTTGTCTCCCGA  
GCGTGTGCGAAGTCTGTGATGATTGGAACCGCTCTCAGTGCAAGTGAAGAGCTCATCTCCACACA  
TGGGTGAGATGGACCACCCTGGAAGTGCACCCACGGAAGGCCGACCATGAGGCACATTGCAAACTGGA  
TGTCATCTCCAGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001105908

**Insert Size:** 1629 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:**

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:** [NM\\_001105908.1](#), [NP\\_001099378.1](#)

**RefSeq Size:** 2828 bp

**RefSeq ORF:** 1629 bp

**Locus ID:** 288479

**Cytogenetics:** 12p11