

## Product datasheet for **RN208239**

### **Psm3 (NM\_001008281) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Psm3 (NM_001008281) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psm3
Synonyms:	MGC94658
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208239 representing NM\_001008281  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCAGGAGGGCTCGGCGCGGCCGAGGCGCCGACAAGGCCAAAGCCGCCCGGGAGGGGAACAAG  
 AACCGCCGCCCGGCCCCAGGATGTGGAGATGAAAGAGGAGGAGCAGCAGCTGGGAGCGGCTCCGCGGG  
 GGAAGGAGACGGCAAGGCAGCTGCGACCGAGCACTCCAGCGAGAGTTGGACACTGTCACCTTAGAAGAC  
 ATCAAAGAGCATGTGAGACAGCTAGAGAAGGCTGTTCCGGCAAGGAGCCTCGGTTCTGTCGAGGGCAC  
 TGCGGATGCTGCCATCCACGTACGACGCGCTCAACCACTATGTTCTGTATAAGGCCGTGCATGGCTTCTT  
 CACCTCCAATAACGCCACTCGAGATTTCTTGTACCTTCTAGAAAGAACCCATGGACACAGAGGGCCGAC  
 CTACAGTTCGCTCCTCGCACAGGAAAAGCTGCGTCGGCGCCCTCCTGCCTGAGGTGGAAGCCTATCTCC  
 AGCTGCTCATGGTCATCTTCTGATGAACAGCAAGCGCTACAAAGAGGCACAGAAAATCTCTGACGACCT  
 GATGCAGAAGATCAGCACTCAGAACCAGCGGAGCCTGGACCTCGTAGCTGCAAAGTGTACTATTACCAC  
 GCCCGGTCTACGAGTTCCTGGACAAGCTGGATGTGGTGCAGCTTCTTGCATGCCCGGCTCCGGACAG  
 CCACCTCCGGCACGATGCTGACGGACAGGCTACCCCTTTGAACCTTTGCTTCGGAATTACCTACATTA  
 CAGCTTGTATGACCAGGCTGAGAAGCTAGTGTCCAAGTCTGTGTTCCCGAACAGGCTAACAAATGAG  
 TGGGCCAGGTACTCTACTACACAGGGCGAATCAAGGCTATCCAAGTGGAGTACTCTGAAGCCCGGAGAA  
 CGATGACCAATGCCCTTCGAAAGGCACCACAGCACACAGCAGTTGGCTTCAAACAGACGGTGCACAAGCT  
 TCTGATTGTGGTGGAGCTGCTGCTGGGGAGATCCCAGACCGCTGCAGTCCGTCAGCCCTCCCTAAAG  
 CGCTCTCTCATGCCCTACTTCTTCTCACCAAGCTGTTAGGACAGGAAATCTTGCCAAGTCAACCAAG  
 TCCTGGATCAGTTGGGGAGAAGTTTCAAACAGATGGGACCTACACCCTAATTATCCGACTGCGACAAA  
 TGTGATTAAGACAGGTGTGCGTATGATCAGCCTGTCTATCCCGTATCTCCCTGGCGGACATCGCCAG  
 AAGCTGCAGCTGGACAGCCAGAAGATGCAGAGTTCATTGTCGCCAAGGCTATCCGGGATGGTGTGATTG  
 AGGCCAGCATCAATCATGAGAAGGGATACGTCCAATCCAAGAGATGATTGACATCTACTCCACCCGGGA  
 ACCTCAGCTGGCTTCCACCAGCGCATCTCCTTCTGCCTGGACATCCACAACATGTCCGTCAGGCCATG  
 CGCTTCCCCCAAACTCTACAACAAGGACCTGGAGTCTGCAGAGGAACGGCGTGAGCGGGAGCAGCAGG  
 ACTTGGAGTTGCCAAGGAGATGGCGGAGGATGACGACGACAGCTTCCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001008281

**Insert Size:** 1593 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\\_001008281.1](#), [NP\\_001008282.1](#)

**RefSeq Size:** 2147 bp

**RefSeq ORF:** 1593 bp

**Locus ID:** 287670

**Cytogenetics:** 10q31