

Product datasheet for **RN214874**

Psm5 (NM_001106569) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psm5 (NM_001106569) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psm5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN214874 representing NM_001106569
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGCAGGCTGTACTCTGCGGGAGGTGGCGGGCTGGAGGCGCCGCTGGAGGAGCTGCGTG
 CGCTGCAGTCCGTGGTGCAGGCTGTGCCGCTCCACGAGCTTCGCGAGCAGGCGGCCGAGCTACGCCTTCG
 CCCGCTGTTCTCCTTGCTTAACCAAGCAATCGGGAACAGACTGCTCTGTGTGTATCCATTCTGGAGAGG
 TTGCTCCAGGCAGTGAACCAATTCATTTGGCCAGGAACCTCAGGCTTGACCTGCAGAGGGGACTGACTC
 ACCCTGATGACTCTGTAACCAACCTCACCTCTCCAGATTGGGAGGATTGTTGAGGATTCGGAAGCTGT
 TACTGAGTCTGAGTAATGCTGAACCTCCTGAGGCAGGTTGTCTGCTGCATTGGTGGAGAGAATTTATCT
 GTGGCTAAAGCGGCTATCAAATCCCTGTCAAGAATCACTAACCAAGCTGGACTGGAAGCTCTATTTG
 AAAGTAATTTGCTGGACGATTTGAAAAATGTCATGAAAACAAATGATGTTGTTGATAACAGGCTGTATGA
 GCTAATTATAGATATTTCTTCTGTGTCATCAGAATCGTTAAATTACTGTACCACAAGTGGACTGGTGACC
 CAGCTCCTGAGAGAGCTGACGGGTGAGGACGTGTTAGTCAGAGCCACCTGTATCGAAATGGTGACATCAC
 TAGCATATACCCATCATGGACGACAATACTTGGCTCAAGAAGGAGTCAATTGACCAGATATCCAATATAAT
 TGTTGGTGCGATTCAGACCCCTTCTCTGGCTTCTATCTGCCAGGATTTGTGAAGTTTTTGGAAACCTG
 GCTGTCATGGATAGTCCCTCAGCAGATCTGTGAGCGCTACCCTGTCTTCTGGAGAAAGTGTGGCAATGG
 CAGACAGTCAAGACCCCACTATGATTGGTGTGGCTGTAGACACAGTTGGAATCCTGGGATCCAGTGTGGA
 AGGAAACAAGTTTTACAGAAGACAGGAACCCGCTTTGAACGCCCTCCTCACGAGAATAGGTTATCAAGCA
 AAGAATGCTTCCACAGAGCTGAAAATAGGTGTTGGATGCAGTTTCTCTCTTCTGTACCTATCACCTG
 AGCAGCAGACTGATGACTTCTGGGAATGACAGAGTCTGGTTTTCTCCGCTGCTCGAGACTCCCTGGA
 GCTCTTCCGTGGTATCAGTAACCAAGCCCTTCCCTGAACTACACTGTGCTGCCTTGAAGTGTTCACAGCT
 ATTGCAAACCAACCTGGGCTCAGAAACTTATGTTTAAACAGTCCAGGTTTTGTGGAGTTTGTGATGGACC
 GGTCTGTGGAACATGACAAACTTCAAAGGATGCGAAATACGAACTGGTAAAAGCGCTCGCCAATCCAA
 GACAGTTGCAGAGATCTTTGGGAACTCAAATTATTTGAGGCTCAGAACGTACCTAAGTGAAGGGCCATAC
 TACGTGAAACCTGTTGCCACAACAGCCGTAGAAGGAGCTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106569
- Insert Size:** 1515 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_001106569.2](#), [NP_001100039.2](#)

RefSeq Size: 2071 bp

RefSeq ORF: 1515 bp

Locus ID: 296651

Cytogenetics: 3p11