

## Product datasheet for **RN209747**

### **Psma5 (NM\_017282) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Psma5 (NM\_017282) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Psma5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN209747 representing NM\_017282  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGTTCTCACTCGGTCCGAGTACGACAGGGGTGTAACACTTTTTCTCCTGAAGGAAGATTATTTCAAG  
TGAATATGCCATTGAGCCATCAAGCTTGGTTCTACGGCCATTGGCATCCAGACATCAGAGGGTGTATG  
TCTAGCTGTGGAGAAGAGAATTACCTCGCCACTAATGGAGCCTAGCAGCATTGAGAAAATCGTAGAGATT  
GATGCTCATATAGTTGTGCCATGAGTGGGCTAATTGCTGATGCTAAAACTTAATTGATAAAGCCAGAG  
TGGAGACACAGAACCCTGGTTCACCTATAATGAGACAATGACAGTTGAGAGTGTGACCCAGGCTGTGTC  
CAATCTGGCTTTGCAGTTCGGAGAAGAAGATGCAGATCCAGGTGCTATGTCTCGTCCCTTTGGAGTAGCA  
TTGTTGTTGGAGGAGTTGATGAGAAAGGGCCCAACTGTTTCACATGGACCCATCTGGGACCTTCGTAC  
AGTGTGATGCTCGAGCAATTGGTTCTGCGTCAGAGGGTGCCAGAGCTCCTTGCAGGAAGTTTACCACAA  
GTCTATGACTCTGAAGGAGGCCATCAAGTCTTCACTCATCATCCTCAAGCAAGTCATGGAGGAGAAGCTG  
AACGCAACTAACATCGAGCTGGCCACAGTGCAGCCTGGTCAGAATTTCCACATGTTCAAAAGGAAGAAC  
TGGAGGAGGTGATCAAGGACATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_017282  
**Insert Size:** 726 bp



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<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_017282.2</a> , <a href="#">NP_058978.2</a>
<b>RefSeq Size:</b>	1017 bp
<b>RefSeq ORF:</b>	726 bp
<b>Locus ID:</b>	29672
<b>Cytogenetics:</b>	2q34
<b>Gene Summary:</b>	subunit of the proteasome complex, which may play a role in protein catabolism [RGD, Feb 2006]