

## Product datasheet for **RR207567**

### **Psma6 (NM\_017283) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Psma6 (NM\_017283) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Psma6  
**Synonyms:** MGC72876  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR207567 representing NM\_017283  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCCGTGGTCCAGCGCCGGTTTTGACCGGCACATTACTATTTTCTCTCCCGAGGGCCGACTCTACC  
AAGTAGAATATGCTTTTAAGGCTATTAACCAGGGTGGACTTACATCTGTAGCTGTCAGAGGAAAGGACTG  
CGCAGTTATTGTCACACAGAAGAAAGTACCTGACAACTACTGGATTCCAGCACCGTGACTCACTTATTC  
AAGATAACGGAAAACATTGGCTGTGTGATGACAGGAATGACAGCTGACAGCAGATCCCAGGTACAGAGGG  
CACGCTATGAAGCAGCTAACTGGAATACAAATATGGCTATGAGATTCCTGTGGACATGCTGTGTA  
AATTGCTGATTTTCTCAAGTCTACACACAGAATGCTGAAATGAGGCCACTTGGTTGTTGTATGATTTTA  
ATTGGTATAGATGAAGAGCAAGGCCCTCAAGTGTACAAGTGTGATCCTGCAGGCTACTACTGTGGCTTTA  
AAGCCACCGCAGCAGGAGTGAAGCAGACAGAGTCAACCAGCTTCCTCGAAAAAAGTGAAGAAGAAATT  
TGATTGGACATTTGAACAGACAGTGGAACTGCAATCACATGCCTGTCTACTGTTCTGTCGATTGATTTT  
AAACCTTCAGAAATCGAAGTTGGAGTAGTTACAGTTGAAAAATCCTAAATTCAGGATTCCTACAGAAGCAG  
AGATTGACGCTCACCTTGTGGCTCTAGCAGAGAGAGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RR207567 representing NM\_017283  
Red=Cloning site Green=Tags(s)

MSRGSSAGFDRHITIFSPEGRLYQVEYAFKAINQGLTSAVAVRGKDCAVIVTQKKVPDKLLDSSVTHLF  
 KITENIGCVMTGMTADSRSQVQRARYEAAWVKYKGYEIPVDMLCKRIADISQVYTQNAEMRPLGCCMIL  
 IGIDEEQGPQVYKCDPAGYYCGFKATAAGVKQTESTSFLEKKVKKKFDWTFEQTVETAITCLSTVLSIDF  
 KPSEIEVGVVTVENPKFRILTEAEIDAHLVALAERD

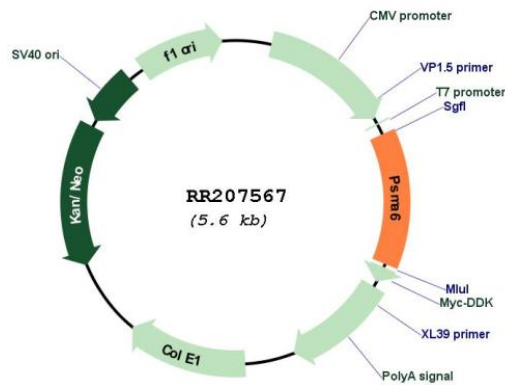
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_017283  
**ORF Size:** 738 bp

|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <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_017283.3</a> , <a href="#">NP_058979.1</a>   |
| <b>RefSeq Size:</b>           | 1136 bp   |
| <b>RefSeq ORF:</b>            | 741 bp  |
| <b>Locus ID:</b>              | 29673   |
| <b>UniProt ID:</b>            | <a href="#">P60901</a>  |
| <b>Cytogenetics:</b>          | 6q23  |
| <b>MW:</b>                    | 27.4 kDa  |
| <b>Gene Summary:</b>          | subunit of the proteasome complex, which may play a role in protein catabolism [RGD, Feb 2006]  |