

Product datasheet for **RN208386**

Psmb7 (NM_053532) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psmb7 (NM_053532) Rat Untagged Clone
Tag: Tag Free
Symbol: Psmb7
Synonyms: Z
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208386 representing NM_053532
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCTGTGTCGGTGTTCAGGCACCGGTCGGAGGCTTTTCTTTTGATAATTGCCGCAGGAATGCGG
TCTTGGAAGCTGATTTTGCAAAAAGGGTTCAAACCTCCGAAAGCTCGAAAACGGCACTACCATCGC
GGGGTGGTCTATAAGGATGGAATAGTTCTTGGAGCAGACACGAGCAACTGAAGGGATGTTGTTGCT
GACAAAACCTGTTCAAAAATTCACCTCATATCTCCTAATATTTATTGCTGTGGTGCCTGGACAGCTGCAG
ACACAGACATGACAACCCAGCTTATTTCTTCTAACTTGGAGCTCCACTCTCTCACCACCGCCGCCCTTCC
CAGAGTTGTCACAGCGAATCGGATGCTGAAGCAGATGCTTTTCAGGTATCAAGGTTACATTGGTGCAGCC
CTAGTTTTGGGGGAGTCGATGTTACTGGACCTCATCTCTACAGCATCTATCCGCATGGATCAACTGATA
AACTGCCTTATGTCACCATGGGTCTGGCTCCTTGGCAGCAATGGCTGTGTTGAAGATAAGTTTAGGCC
AGATATGGAGGAGGAAGAAGCCAAGAAGCTAGTGAGTGAAGCTATTGCAGCTGGCATCTTAATGACTTG
GGGTCTGGAAGCAACATTGATCTGTGTGTTATCAGCAAGCAAGCTGGACTTTCTCCGTCACACTCAG
TGCCCAACAAGAAAGGGACCAGTTTGGCCGATACAGGTGTGAGAAAGGCACTACCGCTGTCTCACGGA
GAAAGTCACCCCTCTGGAGCTCGAGGTGCTAGAAGAGATTGTTTCAGACAATGGACACTTCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053532
Insert Size: 834 bp



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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:	<ol style="list-style-type: none">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_053532.1 , NP_445984.1
RefSeq Size:	993 bp
RefSeq ORF:	834 bp
Locus ID:	85492
UniProt ID:	Q9JHW0
Cytogenetics:	3q12
Gene Summary:	mouse homolog is a subunit of the multisubunit protease involved in the generation of peptides presented by MHC class I molecules [RGD, Feb 2006]