

Product datasheet for **MC202664**

Psmg3 (NM_025604) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psmg3 (NM_025604) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Psmg3
Synonyms:	1810042K04Rik; 4930403H09Rik; AI303239
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC058692 sequence for NM_025604

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GCTTTCTGGCGCTGCTGGTGGGGTGAGCGCTGGTTGCCGAGGGTTTCGGTCCCAACTGCTGTCAGTAGTG
ATCCAGCCACCCAGTCCTGCGCCGTCGGGGCTCCCGCCTCCGCTGAAGAACGGGACCATGGAAGACAA
ACCACTGGTAGTATCTAAACAGAAGACAGAAGTGGTGTGCGGTGTGCCACCCAGGTGGTCTGCACGGCC
TTCAGCAGCCACATCCTAGTTGTGGTGACCCAGTTCGGGAAGATGGGTACGCTAGTGTCTTGGAGCCCA
GCAATGTGGCCAATGACATCAGCAAGCCAGTGCTCACCACGAGAGTCCTCCTCGGGCAGGACGAGCCTCT
CATCCATGTCTTTGCAAAGAACCTGGTAGCATTTGTGTCGAAGAAGCAGGAAACAGAGCCGTCCTGCTG
GCCATGGCTGTGAAAGACAAGAGCATGGAGAGGCTCAAGGCATTGAAGGAAGTGATCCGGCTGTGCCAGG
TGTGGTGACCTGCCGTTAGCAGTGCCAGACACAGCGTATGGACGCTCGGTGAGCGGGGCTTTGAGACC
CATCTTTCCAGCGCCAGGAGAGAGCTCATTCCAGGGCCTTAGTCCTCAAAGCTGAAAACAGCACTCAAG
TCTCAGGGACTCTCCCTGCGTGGCTACTGTGTTCTGCCTTGGGCACTGGAGCGGGGCTGGGCTGCAGCAG
CTGCATCCACTGAGTGGAATGAGCGGCCGGTTATGAGGACAAGTAATCCTGGGTGTGCAGGAGCACTTG
TGGGAAGATTTTTTTATTAATAATAATCTAAAGTAAAAAAAAAAAAAAAAAAAA
```

Restriction Sites: Ascl-NotI

ACCN: NM_025604

Insert Size: 369 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).



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC058692](#), [AAH58692](#)

RefSeq Size: 823 bp

RefSeq ORF: 369 bp

Locus ID: 66506

UniProt ID: [Q9CZH3](#)

Cytogenetics: 5 G2

Gene Summary: Chaperone protein which promotes assembly of the 20S proteasome. May cooperate with PSMG1-PSMG2 heterodimers to orchestrate the correct assembly of proteasomes.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.