

Product datasheet for **MC210982**

Psmg4 (NM_001110515) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psmg4 (NM_001110515) Mouse Untagged Clone
Tag: Tag Free
Symbol: Psmg4
Synonyms: mPAC4; PAC-4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210982 representing NM_001110515
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGAGTCTCGGGCCGCTGCGGACCGGACGTGTCGCTTCACTTCAGTCAAGGCTGTGGGAGC
AGCTGGTCCACTTTCATGTCATGCGGCTGACGGATTCGCTTCTCTGTGGTGGGAGCAACGCCCATCT
ACGCAACCTCGCAGTGGCCATGTGCAGCCGCTACCCCGGAAGACCAGCAAACAGGTGTTTGTGAGCTACA
ACCTCTCCAACACAGACAGTAACCTCACGTTACTCG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001110515
Insert Size: 249 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).



[View online »](#)

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_001110515.2, NP_001103985.1

RefSeq Size: 501 bp

RefSeq ORF: 249 bp

Locus ID: 69666

Cytogenetics: 13 A3.3

Gene Summary: Chaperone protein which promotes assembly of the 20S proteasome.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) lacks an exon in the central coding region which results in a frameshift, compared to variant 2. The encoded isoform (a) is shorter and has a distinct C-terminus, compared to isoform b.