

Product datasheet for **MC226501**

Psme2b (NM_001281472) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psme2b (NM_001281472) Mouse Untagged Clone
Tag: Tag Free
Symbol: Psme2b
Synonyms: PA28; PA28b-p; PA28b2; Psme; Psme2; Psme2-; Psme2-like; Psme2b-ps
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226501 representing NM_001281472
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAAGCCTTGTGGGTCCGCTTGAGTGGAGAAGCCCGAAAACAGGTGGATGTCTTCAGACAAAATC
 TTTTCCAGGAGGCTGATGACTTCTCTGCACTTTCTTGCCACGGAAAATCATATCCCTGAGTCAGCTCTT
 GCAGGAGGATCCCTCAATGTGGCCGACCTCTCCTCCCTCGGGCTCCTCTGGACATCCCTATCCCAGAT
 CCTCCACCCAAGGATGACGAGATGGAAACAGACAAGCAGGAGAAGAAGGAAGTCCCTAAGTGTGGCTACC
 TCCCGGGGAACGAGAAGCTTCTGGCCTTGCTTGGTTAAGCCAGAAGTCTGGACTCTCAAAGAGAA
 GTGCATTCTGGTAATCACGTGGATCCAGCACCTGATCCCCAAGATTGAGGATGGAATGATTTTGGGGTG
 GCAATTCAGGAGAAGGTGCTGGAGAGAGTGAATGCTGTCAAGACCAAGTAGAAGCTTCCAGACAATA
 TTTCAAGTACTTCTCAGAACGAGGGGATGCTGTAGCCAAGGCTTCAAGGATACCCATGTAATGGATTA
 CCGGGCCTTGGTGCATGAGCGAGATGAAGCAGCCTATGGGGCGCTTAGGGCCATGGTGTGGACCTGAGG
 GCCTTCTATGCTGAGCTTTATCATATCATCAGCAGCAACCTAGAGAAAATCGTCAACCCGAAGGGTGAAG
 AAAAGCCATCGATGTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001281472
Insert Size: 720 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001281472.1</u> , <u>NP_001268401.1</u>
RefSeq Size:	1066 bp
RefSeq ORF:	720 bp
Locus ID:	621823
UniProt ID:	<u>P97372</u>
Cytogenetics:	11 B1.2
Gene Summary:	This gene may encode proteasome activator complex subunit 2 protein (PMID: 10222192). This gene, located on chromosome 11, lacks a structured promoter and is intronless. It has also been described as a pseudogene (PMID: 9914329), however, it has an intact coding region and transcripts can be placed at this location unambiguously. An interferon-inducible gene located on chromosome 14, near the gene that encodes proteasome activator complex subunit 1 protein, is considered the functional gene. [provided by RefSeq, Jul 2013]