

Product datasheet for MC209691

Psmd13 (NM_011875) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psmd13 (NM_011875) Mouse Untagged Clone
Tag: Tag Free
Symbol: Psmd13
Synonyms: S11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209691 representing NM_011875
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGAAGGATGTGCCGGCCTTCTTACAGCAGAGTCAGAGCTCCGGGCCGGCCAGGCTGCCGTTTGGCACC
 GTTTGGAAGAGCTGTACACGAAGAAGTTGTGGCATCAGCTGACACTTGAGGTGCTTGATTTTGTGCAGGA
 CCCATGCTTTGCCAAGGAGATGGTCTCATTAAAGCTTTATGAAACTTCATCAGTGAGTTTGGACACAGG
 GTAAACCTCTGTCCCTGGTAGAAATAATTCTCCATGTGGTTAGACAGATGACCGATCCTAATGTGGCTC
 TTACTTTTCTGAAAAGACTCGTGAGAAGTAAAAAGTAGTGATGAAGCCGTGATCTTGTAAGACGGC
 AATCGGAGCTCTAAAATTAACATCGGCGATCTGCAGGCTACAAAGGAAACCATTGAAGATGTTGAAGAG
 ATGCTCAACAATCTCCCTGGTGTGACGTCCGTTACAGTCGTTTCTATGATCTCTCCAGTAAATACTATC
 AAACAATCGGAAACCACGCGTCTACTACAAAGATGCTCTACGGTTTCTGGGCTGTGGATATCAAGGA
 CCTGCCAGTGTGAGAACAGCAAGAGAGAGCCTTCACTGAGGCTTGTGGACTTCTCGGAGAGGGAGTT
 TTTAACTTTGGAGAACTTCTCATGCACCCTGTGCTGGAGTCACTGAGGGACACTGACCGGCAGTGGCTGA
 TTGACACCCTGTACGCTTCAATAGCGGTGCTGTGGATAGGTTCCAGACACTGAAGTGTGCCTGGGGCCA
 GCAGCCTGACTTAGCAGCCAACGAAGCCAGCTTCTGAGGAAGATCCAGCTGTTGTGCCTTATGGAGATG
 ACTTTTACACGGCCTGCCAACCCAGACAACACTCACTTTTGAAGAAATTGCCAAAAGTGC AAAATCACTG
 TCAACAAGGTGGAGTTGCTGGTGTGATGAAGGCACTCTCGGTGGGCTGGTGGAGGCGAGCATAGACGAGGT
 GGACAAGCGGGTTCACATGACGTGGGTGCAGCCGCGAGTCTGGATTTGCAGCAGATCAAGGGGATGAAG
 GACCGTCTGGAGCTTTGGTGCCTGATGTGAAGAGCATGGAGATGCTGGTGAACACCAGGCTCAGGACA
 TCCTCACCTAG

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



[View online >](#)

ACCN:	NM_011875
Insert Size:	1131 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).
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_011875.4</u> , <u>NP_036005.1</u>
RefSeq Size:	1563 bp
RefSeq ORF:	1131 bp
Locus ID:	23997
UniProt ID:	<u>Q9WVJ2</u>
Cytogenetics:	7 F5
Gene Summary:	Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.[UniProtKB/Swiss-Prot Function]