

Product datasheet for **MC200280**

Psmid6 (NM_025550) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psmid6 (NM_025550) Mouse Untagged Clone
Tag: Tag Free
Symbol: Psmid6
Synonyms: 2400006A19Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC006869 sequence for NM_025550
 GCCGGCTCCTGTGCTGTAGCCATGCCGCTAGAAAACCTAGAAGAAGAGGGACTGCCCAAGAACCCCGACC
 TGCCGATCGCGCAGCTGCGGTTTCTGCTTAGCCTGCCGAGCACC GCGGGACGCGGCGGTGCGCGAGGA
 GTTGATGGCGGCCGTCCGGGAAAACAATATGGCTCCTTATTATGAAGCCTTGTGTAATCCCTCGACTGG
 CAGATGGACGTGGATCTCCTGAGTAAAATGAAGAAAGCAAACGAAGAAGAGTTGAAACGTTTGGATGAGG
 AGCTGGAGGATGCAGAGAAGAATCTGGGAGAAAGTGAATTCGAGATGCAATGATGGCAAAAGCAGAGTA
 CCTCTGTCAGATAGGTGACAAGGAAGGAGCTTTGACAGCTTTTCGCAAGACATACGATAAGACTGTGGCC
 CTGGGTCACCGCCTGGATATTGTATTCTATCTCCTAAGGATCGGACTCTTTTATATGGATAATGACCTCA
 TTA CTGAAAACACAGAAAAGGCCAAAAGCCTGATAGAGGAAGGCGGAGACTGGGACAGGCGAAAACAGGCT
 GAAAGTGTACCAGGGCTTATATTGTGTGGCTATCCGTGACTTCAAACAGGCAGCAGAGCTCTTTCTCGAC
 ACTGTTTCTACGTTTACATCGTATGAGCTCATGGATTACAAGACATTTGTGACTTACACTGTTTACGTCA
 GTATGATCGCCTTAGAAAAGGCCGACCTCAGGGAAAAGGTCATTAAGGGGCAGAGATCCTTGAAGTGTT
 GCACAGTCTCCAGCAGTTCGGCAGTATCTGTTTTCTCTATGAATGCCGTTATTACAGTTTTTTCCAA
 TCATTAGCAATCGTGAACAGGAAATGAAAAGGATTGGCTTTTTGCGCCTCATTACCGATACTATGTAA
 GAGAAATGAGAATCCATGCGTACAGCCAGCTGCTGGAATCATATAGGTCATTAACCTCGGCTATATGGC
 AGAAGCTTTTGGTGTGGGTGTTGACTTCATTGACCAGGAGCTGTCCAGGTTTATTGCTGCTGGAAGACTC
 CACTGCAAAATTGATAAAGTAAATGAAATCGTGGAGACCAACAGACCTGATAGCAAGAAGTGGCAGTATC
 AAGAAACCATCAAGAAAGGAGACTTGCTGCTAAACAGGGTTCAGAAATTATCCAGAGTAATTAACATGTA
 AAGCCACTTTTCAACGTGTTCCTTTACAGATGTTACTTGAAGCTTTTCTAACTTCTTCACTCTGTGCC
 ACTTCAACAGCATCAAATAAATATGTCATTTGTTTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_025550
Insert Size: 1170 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:	BC006869 , AAH06869
RefSeq Size:	1313 bp
RefSeq ORF:	1170 bp
Locus ID:	66413
UniProt ID:	Q99JI4
Cytogenetics:	14 A1
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]