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Product datasheet for MC206361

Psmd5 (BC019112) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psmd5 (BC019112) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Psmd5
Synonyms:	S5b, mKIAA0072
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC019112
CCACGCGTCCGCCCACGCGTCCGCCCACGCGTCCGCCCACGCGTCCGGGAGATGGCGGCGCAGGCTGTGT
CGCTCCTGCGGGAGGTGGCGCGGCTGGAGGCGCCGCTGGAGGAGCTTCGTGCGCTGCAGTCAGTGGTGCA
GGCTGTGCCGCTGCACGAGCTTCGCGAGCAGGCGGCGGAGCTACGCCTCCGCCCGCTGTTCTCCTTGCTT
AACCAGAACAATCGGGAACAGACTGCTTTGTGTGTCTCCATTCTGGAGAGGCTGCTCCAAGCTGTGGAGC
CGATTCACTTGGCCAGGAACCTCAGGCTTGACCTGCAGAGGGGACTGACTCACCCTGATGACTCTGTAAA
AACCCTCACTCTGTCGCAGATTGGAAGAATTGTTGAAAATTCAGAAGCTGTTACTGAGATTCTCAATAAT
GCTGAGCTGTTGAAACAGATTGTTTATTGCATTGGCGGAGAGAATTTATCTGTTGCTAAAGCGGCTATTA
AATCCCTGTCGAGAATATCACTAACCCAGGCTGGCCTGGAAGCTCTGTTTGAAAGTAACCTGCTGGATGA
TTTGAAGAATGTAATGAAAACAAACGACGTTGTTCGATACAGGGTCTATGAGCTAATTATAGATATTTCT
TCTGTGTCATCAGAATCTTTAAACTACTGTACCACAAGTGGACTGGTGACTCAACTCCTAAAAGAGCTGA
CGGGTGAGGACGTGTTAGTCAGAGCCACCTGTATAGAAATGGTGACATCACTAGCTTATACCCATCACGG
ACGACAATACCTTGCTCAAGAAGGAGTCATTGACCAGATATCCAATATAATTGTTGGCGCAGATTCAGAC
CCTTTCTCTGGCTTCTATCTGCCAGGATTTGTGAAGTTTTTTGGAAACCTGGCCGTCATGGATAGTCCTC
AGCAGATCTGTGAGCGCTACCCTGTTTTTCTGGAGAAGGTGTTTGAAATGGCGGATAGTCAAGACCCCAC
CATGATTGGTGTCGCTGTCGACACAGTTGGAATCCTGGGATCCAGTGTTGAAGGAAAACAAGTTTTACAG
AAGACAGGAACCCGCTTTGAACGTGTCCTCATGAGAGTAGGATATCAAGCAAAGAATGCTTCCACGGAGC
TGAAGATTAGGTGCTTGGATGCAGTTTCCTCTCTCCTGTATTTATCGCCTGAGCAGCAGACTGATGACTT
CCTGGGAATGACAGAATCCTGGTTTTCCTCCATGTCTCGAGACTCCCTGGAGCCTTTCCGTGGTATCAGT
AACCAGCCCTTCCCGGAGCTACACTGTGCTGCCTTGAAAGTTTTCACAGCTATTGCAGACCAGCCCTGGG
CTCAGAGACTTATGTTTAACAGTCCAGGTTTTGTAGAGTTTGTGATGGACCGGTCTGTGGAACATGACAA
AGCTTCAAAGGATGCCAAATATGAACTGGTAAAAGCACTTGCCAATTCCAAGACAGTTGCAGAGATCTTT
GGGAACTCAAATTATTTGAGGCTCAGAGCGTACCTAAGTGAAGGTCCATACTATGTGAAACCTGTTGCCA
CAACAGCAGTAGAAGGGGCTGACTGATCCCTTTCCACCTAAAACAGCAGAATTTCCCAAGGCACACGATT
CCATCCGTGCTCCACACCACAGGACGTCTGTCTTCCCAGGCACAGCCTCACCATCAGCAGTGTTGTCCCT
ACTTAATGCTGTGTAGACTCGGCTCTTGTAAAAGCAGTAGGAGCCTGAGAGTGCTCGTGTTTCCCCGAGT
CCTCTGGCTGCCAAAGTCTCTGCTGCAAGGTCGAGGTTTGTTTTCTCAAAGTTTCCATGGGCACACTCAT
GACATTTTTAAAAAATAAAATGAAGCCAAAATGATTCTGGATTCTCTCAACCACATTTTCTTTTTCCTTA
CCTGATTTTTGCCTCAAAATCTTGGGTATCTTGGGTAGTCTCTAAAAAATAAGTCATTTAGAATCATCGA
ATTATATTATTTGTATATAAGGAATAATAGTTTGAATAATATTTCTTACTTTTCCTTTGAAAATAAAATA
AATCCAAACTTGAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC019112

Insert Size: 708 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:	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:	BC019112
RefSeq Size:	2066 bp
RefSeq ORF:	708 bp
Locus ID:	66998
Cytogenetics:	2 B
Gene Summary:	Acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly is part of an intermediate PSMD5:PSMC2:PSMC1:PSMD2 module which probably assembles with a PSMD10:PSMC4:PSMC5:PAAF1 module followed by dissociation of PSMD5 (By similarity).[UniProtKB/Swiss-Prot Function]