

Product datasheet for MR203305

Psmid8 (BC004075) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psmid8 (BC004075) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Psmid8
Synonyms:	672045J22Rik; AA407360; AL033291; AL033322; AL033323; C76433
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203305 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACGAGCAACTCAAGGACGAGTGAACCGGAAGAGCCCGAACCTTAGTAAATGTGGAGAAGAAGCTGG
GCCGCCTGAAGTTGGTTCTGCTTGAGCTCAATTCCTGCCAACCCACGGGGACAAACTGACTAAACAGCA
ACTCATTCTGGCCCGTGACATTCTGGAGATCGGGGCCAGTGGAGCATCCTGTGCAAAGACATTCCTCC
TTCGAGCGCTACATGGCCCAACTCAAATGCTACTACTTTGATTACAAAGAACAGCTTCCTGAGTCAGCCT
ATATGCACCAGCTCCTGGCCTCAATCTCCTCTCCTGCTATCTCAGAACCGAGTGGCTGAGTTCACAC
AGAATTAGAACGATTACCTGCCAAGGACATCCAGACCAATGTCTACATCAAACACCCTGTTCCCTCGAG
CAATACCTCATGGAGGTAGCTACAACAAGGTATTCTGGCTAAGGGGAACATCCCTGCCGAAAGCTACA
CCTTCTTCATTGACATCCTGCTGGATACCATCAGGGATGAAATCGCAGGATGCATTGAGAAGGCCTATGA
GAAAATCCTTTTTGCTGAGGCTACCCGGATCCTCTTTCAGCACACCCAAAAAGATGACAGACTATGCC
AAGAAGCGAGGTTGGGTGCTGGCCCTAACAACTACTACAGCTTTGCCAGCCAGCAGCAGAAGCCAGAAG
ACAGCACCATCCCCTCTACTGAAGTGGCCAAACAAGTCATCGAGTATGCCCGGACGCTGGAGATGATTGT
C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [BC004075.1](#)

RefSeq Size: 1284 bp

RefSeq ORF: 773 bp

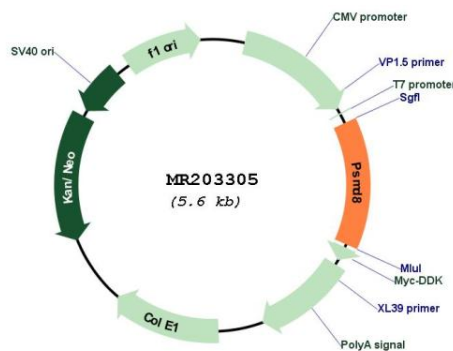
Locus ID: 57296

Cytogenetics: 7 B1

MW: 29.9 kDa

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]

Product images:



Circular map for MR203305