

Product datasheet for **MC206871**

Pmm1 (BC006809) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pmm1 (BC006809) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pmm1
Synonyms:	C77612
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206871 representing BC006809. Blue=ORF Red=Cloning site Green=Tag(s)

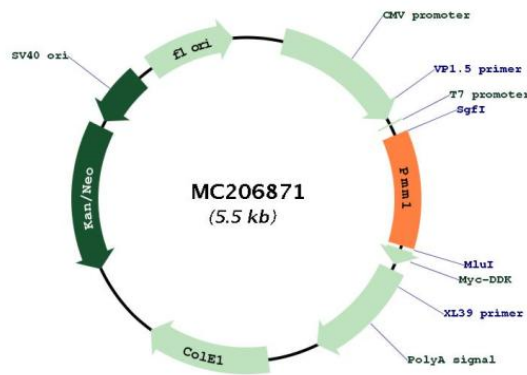
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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAGTCGCCGTCGAGGGCGCCCGCAGGAAAGAGCGCATCCTCTGCCTGTTTGACGTGGACGGGACC
CTCACGCCAGCTCGCCAGAAAATTGACCCTGAGACGATCCAGAACCACCTGGGGGAGGAGCTCCTGCAG
GACTTGATCAACTTCTGCCTTAGCTACATGGCCCTGCTCAGACTGCCAAGAAGCGTGGACCTTCATT
GAGTTCGGGAATGGCATGCTGAACGTCTCGCCATTGGCCGAGCTGCACCCTGGAGGAGAGGATCGAG
TTCTCGGAACTGGACAAGAAGGAGAAGATCCGGGAGAAGTTTGTGAAGCCTTGAAGACAGAGTTTGCT
GGCAAGGGGCTGCGGTTCTCCCAGGAGGCATGATAAGCTTCGATGTCTTCCCAGGGCTGGGATAAG
CGCTACTGCCTGGACAGCCTGGATGAAGACAGCTTTGACATCATCACTTCTTTGGAAATGAGACCAGT
CCTGGCGGGAATGACTTTGAGATCTATCGGACCCCCGGACTGTCCGCCATAGCGTGGTCTCCCCTCAG
GACACTGTACAGCGATGCCGTGAGCTCTTCTCCAGAGACAGCCACGAGGCGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: BC006809

Insert Size: 609 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: [BC006809](#)

RefSeq Size: 1079 bp

RefSeq ORF: 608 bp

Locus ID:	29858
Cytogenetics:	15 E1
MW:	23.1 kDa
Gene Summary:	Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions. In addition, may be responsible for the degradation of glucose-1,6-bisphosphate in ischemic brain.[UniProtKB/Swiss-Prot Function]