

## Product datasheet for RN203671

### Pgrmc1 (NM\_021766) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pgrmc1 (NM_021766) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pgrmc1
Synonyms:	25-Dx; 25Dx; MPR; VEMA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203671 representing NM_021766 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGCCGAGGATGTGGTGGCGACTGGCGCCGACCCAGCGAGCTGGAGGGCGCGGGCTGCTTCAAG  
AGATTTTCACGTCGCCTCTCAACCTGCTGCTCCTTGGCCTCTGCATCTTCTGCTCTACAAGATCGTTTCG  
CGGGGACCAGCCCGGTGCCAGTGGGACAACGACGACGACGAGCCGCCCCGCTGCCTCGCCTCAAGCCG  
CGTGACTTCACCCCTGCCGAACAAGGCGATACGATGGAGTCCAGGACCCGCGCATTCTTATGGCCATCA  
ACGGCAAGGTGTTTCGACGTGACCAAAGGCCGAAGTTCTATGGGCCGGAGGGACCATACGGGGTCTTTGC  
TGAAGAGATGCATCCAGGGCCTTGCCACATTTTGCCTGGACAAAGAAGCACTGAAGGATGAGTATGAT  
GACCTTTCTGACCTCACTCCTGCCAGCAGGAGACCCTGAATGACTGGGACTCTCAGTTCAGTTCACCTT  
CAAGTACCATCACGTGGGAAAAGTCTTGAAGGAGCGGAGGAGCCGATTGTGTACTCGGATGATGAAGA  
ACAAAAGATGAGGCTGCTCGGAAGAGTGACTGAAGCAGTCAGTGGAGCATATCTATTTTTGTATTTTGA  
AAATCATTTGTAACATCCAGTCTGTCTTTACAACATGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_021766
Insert Size:	672 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_021766.1</a></u> , <u><a href="#">NP_068534.1</a></u>
<b>RefSeq Size:</b>	1885 bp
<b>RefSeq ORF:</b>	672 bp
<b>Locus ID:</b>	291948
<b>UniProt ID:</b>	<u><a href="#">P70580</a></u>
<b>Cytogenetics:</b>	Xq35
<b>Gene Summary:</b>	may be involved in regulation of axon guidance in the central nervous system [RGD, Feb 2006]