

Product datasheet for **MC208055**

Pgrmc1 (NM_016783) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgrmc1 (NM_016783) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pgrmc1
Synonyms:	AA415812; HPR6.6; mPR; PPMR; Vema
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208055 representing NM_016783 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCCGAGGATGTGGTGGCGACTGGCGCCGACCCGAGCGAGCTAGAGGGCGCGGGCTGCTGCACG
AGATTTTCACGTCTCTCTCAACCTGCTCCTCTGGCCCTCGCATCTTCTGCTCTACAAGATCGTTTCG
CGGGGACCAGCCCGGTGCCAGTGGCGACAACGACGACGACGAACCACCCCGCTGCCCGCCTCAAGCGG
CGCGACTTACCCCTGCCGAGCTGAGGCGTTTCGATGGCGTCCAGGACCCGCGCATTCTCATGGCCATCA
ACGGCAAGGTGTTTCGACGTGACCAAAGGCCGAAGTTCTACGGGCCTGAGGGCCATATGGGGTCTTTGC
CGGAAGAGATGCATCCAGGGCCTTGCCACATTTGCCTGGACAAAGAAGCACTGAAGGATGAGTATGAC
GACCTTTCTGACCTCACCCCTGCACAGCAGGAGACCCTGAGTGACTGGGACTCTCAGTTCACTTTCAAGT
ATCATCAGTGGGAAAAGTCTGAAGGAAGGGGAGGAGCCTACTGTGTAAGTCTCAGATGATGAAGAACAAA
AGACGAGACAGCTCGGAAGAATGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja2772_d06.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_016783
Insert Size:	588 bp



[View online »](#)

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [NM_016783.4](#), [NP_058063.2](#)

RefSeq Size: 1838 bp

RefSeq ORF: 588 bp

Locus ID: 53328

UniProt ID: [O55022](#)

Cytogenetics: X A3.3

Gene Summary: Component of a progesterone-binding protein complex. Binds progesterone. Has many reported cellular functions (heme homeostasis, interaction with CYPs).[UniProtKB/Swiss-Prot Function]