

Product datasheet for **MR217476**

Pgrmc2 (NM_027558) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgrmc2 (NM_027558) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pgrmc2
Synonyms:	4631434O19Rik; 5730409G06Rik; DG6; PMBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR217476 representing NM_027558 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCGGGTATGGGGACGTAAAGCTAAGCACCTGGGGAGCGGGGAGAGTGCGGCGACGGGA
GCCCGGGTGGCGCCGAGCGACGGCGGAGGAGCAGTTGGGTGGCGGCTGCTGGCGACGGCGGGGA
GATGCTGCTGAACGTGGCGCTGGTGGCGCTGGTCTGCTGGGGCCACCGGCTGTGGGTGCGCTGGGG
CGGCGTGGTCTGTCTCGGGACCGGGCGGGCAGGAGAGCCCGCCGACGCTGCCGCGATGAAGA
AGCGGGACTTCAGCCTGGAGCAGCTGCGCCAGTACGACGGGGCGGCACCGCCGATCCTGCTCGCGGT
CAATGGGAAAGTCTTCGACGTGACCAAAGGCAGCAAGTTCTACGGCCCGCGGGTCCATATGGCATCTTT
GCTGGCAGGGACGCTCCAGGGGCTGGCGACATTCTGCCTGGATAAGGATGCACTTAGAGATGAATATG
ACGACCTCTCAGATTTGAACGCAGTGCAAATGGAGAGTGTTCGAGAATGGGAAATGCAGTTTAAAGAAA
ATATGATTATGTAGGCAGACTCCTAAAGCCAGGGGAGGAGCCATCAGAGTACACAGATGAGGAGGACACC
AAGGATCACAGTAAACAGGAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR217476 representing NM_027558
Red=Cloning site Green=Tags(s)

MAAGDGDVKLSTLGGSGGSGDGGSPGGAGATAARSSWVAALLATGGEMLLNVALVALVLLGAYRLWVRWG
 RRGLCSGPGAGEESPAATLPRMKKRDFLEQLRQYDGARTPRILLAVNGKVFDVTKGSKFYGPAGPYGIF
 AGRDASRGLATFCLDKDALRDEYDDLSDLNAVQME SVREWEMQFKEKYDYVGRLLKPGEEPSEYTDDEEDT
 KDHSKQD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9025_a08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_027558

ORF Size: 651 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_027558.1](#), [NP_081834.1](#)

RefSeq Size: 3022 bp

RefSeq ORF: 654 bp

Locus ID: 70804

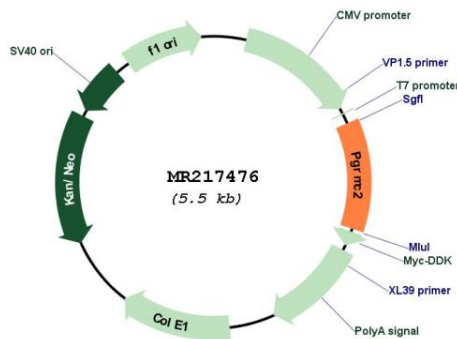
UniProt ID: [Q80UU9](#)

Cytogenetics: 3 B

MW: 23.8 kDa

Gene Summary: Receptor for steroids.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217476