

## Product datasheet for **MG217476**

### **Pgrmc2 (NM\_027558) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pgrmc2 (NM_027558) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pgrmc2
Synonyms:	4631434O19Rik; 5730409G06Rik; DG6; PMBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG217476 representing NM_027558 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCGGGTATGGGGACGTAAGCTAAGCACCTGGGGAGCGGGGAGAGTGCGGCGACGGGA  
GCCCGGGTGGCGCCGAGCGACGGCGGAGGAGCAGTTGGGTGGCGGCGCTGCTGGCGACGGCGGGGA  
GATGCTGCTGAACGTGGCGCTGGTGGCGCTGGTCTGCTGGGGCCCTACCGGCTGTGGGTGCGCTGGGG  
CGGCGTGGTCTGTCTCGGGACCCGGGGCGGGCAGGAGAGCCCGCCGACGCTGCCGCGATGAAGA  
AGCGGGACTTCAGCCTGGAGCAGCTGCGCCAGTACGACGGGGCGCGCACCGCGCATCCTGCTCGCGGT  
CAATGGGAAAGTCTTCGACGTGACCAAAGGCAGCAAGTTCTACGGCCCGCGGGTCCATATGGCATCTTT  
GCTGGCAGGGACGCTCCAGGGGCTGGCGACATTCTGCCTGGATAAGGATGCACTTAGAGATGAATATG  
ACGACCTCTCAGATTTGAACGCAGTGCAAATGGAGAGTGTTCGAGAATGGGAAATGCAGTTTAAAGAAA  
ATATGATTATGTAGGCAGACTCCTAAAGCCAGGGGAGGAGCCATCAGAGTACACAGATGAGGAGGACACC  
AAGGATCACAGTAAACAGGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG217476 representing NM\_027558  
 Red=Cloning site Green=Tags(s)

MAAGDGDVKLSTLGGSGGESGGDGGSPGGAGATAARSSWVAALLATGGEMLLNVALVALVLLGAYRLWVRWG  
 RRGLCSGPGAGEESPAATLPRMKKRDFLEQLRQYDGGARTPRILLAVNGKVFVDVTGSKFYGPAGPYGIF  
 AGRDASRGLATFCLDKDALRDEYDDLSDLNAVQMESVREWEMQFKEKYDYVGRLLKPGEEPSEYTDDEEDT  
 KDHSKQD

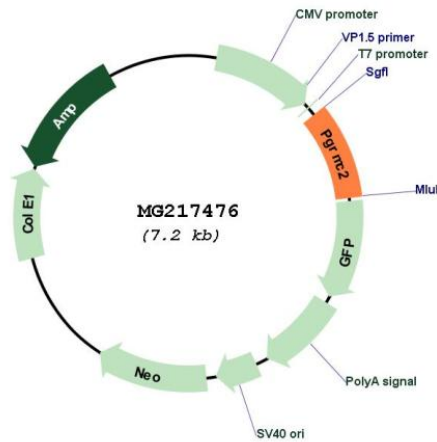
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_027558

**ORF Size:** 651 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_027558.1</a> , <a href="#">NP_081834.1</a>
<b>RefSeq Size:</b>	3022 bp
<b>RefSeq ORF:</b>	654 bp
<b>Locus ID:</b>	70804
<b>UniProt ID:</b>	<a href="#">Q80UU9</a>
<b>Cytogenetics:</b>	3 B
<b>Gene Summary:</b>	Receptor for steroids.[UniProtKB/Swiss-Prot Function]