

## Product datasheet for **RG201918**

### **PGRMC1 (NM\_006667) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PGRMC1 (NM\_006667) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** PGRMC1  
**Synonyms:** Dap1; HPR6.6; IZA; MPR  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG201918 representing NM\_006667  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGCCGAGGATGTGGTGGCGACTGGCGCCGACCCAAGCGATCTGGAGAGCGCGGGCTGCTGCATG  
 AGATTTTCACGTCGCGCTCAACTGCTGCTGCTTGGCCTCTGCATCTTCTGCTCTACAAGATCGTGCG  
 CGGGGACCAGCCGGCGCCAGCGCGACAGCGACGACGAGCCGCCCTCTGCCCGCTCAAGCGG  
 CGCGACTTACCCCCGCGAGCTGCGGCGCTTCGACGGCGTCCAGGACCCGCGCATACTCATGGCCATCA  
 ACGGCAAGGTGTTTCGATGTGACCAAAGGCCGAAATTCTACGGGCCGAGGGCCGTATGGGGTCTTTGC  
 TGGAAGAGATGCATCCAGGGCCTTGCCACATTTTGCCTGGATAAGGAAGCACTGAAGGATGAGTACGAT  
 GACCTTTCTGACCTCACTGCTGCCAGCAGGAGACTCTGAGTACTGGGAGTCTCAGTTCACTTTCAAGT  
 ATCATCAGTGGGCAAAGTCTGAAGGAGGGGGAGGCCACTGTGTACTCAGATGAGGAAGAACCAAA  
 AGATGAGAGTGCCCGAAAAATGAT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG201918 representing NM\_006667  
 Red=Cloning site Green=Tags(s)

MAAEDVVATGADPSDLESGLLHEIFTSPLNLLLLGLCIFLLYKIVRGDQPAASGSDDDPEPPLPRLKR  
 RDFTPAELRRFDGVQDPRILMAINGKVFVDTKGRKFGYPEGPYGVFAGRDASRGLATFCLDKALKDEYD  
 DLSDLTAAQQETLSDWESQFTFKYHHVGKLLKEGEEPTVYSDEEPEPKDESARKND

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**

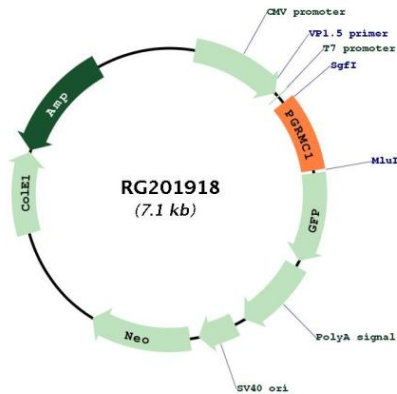

- ACCN:** NM\_006667
- ORF Size:** 585 bp
- OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each 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\\_006667.5](#)
- RefSeq Size:** 1890 bp
- RefSeq ORF:** 588 bp
- Locus ID:** 10857
- UniProt ID:** [O00264](#)
- Cytogenetics:** Xq24

**Domains:** heme\_1

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transmembrane

**Gene Summary:** This gene encodes a putative membrane-associated progesterone steroid receptor. The protein is expressed predominantly in the liver and kidney. [provided by RefSeq, Mar 2010]

**Product images:**



Circular map for RG201918