

## Product datasheet for **RG236007**

### **PGRMC1 (NM\_001282621) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PGRMC1 (NM\_001282621) 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:** >RG236007 representing NM\_001282621.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGCCGAGGATGTGGTGGCGACTGGCGCCGACCAAGCGATCTGGAGAGCGCGGGCTGCTGCAT
GAGATTTTACGTCGCCGCTCAACCTGCTGCTGCTTGGCCTCTGCATCTTCTGCTCTACAAGATCGTG
CGCGGGGACCAGCCGGCGGCCAGCGGCGACAGCGACGACGAGCCGCCCTCTGCCCGCTCAAG
CGGCGCGACTTACCCCCGCCGAGCTGCGGCGCTTCGACGGCGTCCAGGACCCGCGCATACTCATGGCC
ATCAACGGCAAGGTGTTTCGATGTGACCAAAGCCGCAAATCTACGGCCCGTCAAGTATCATCACGTG
GGCAAACCTGCTGAAGGAGGGGAGGAGCCCACTGTGTACTCAGATGAGGAAGAACCAAAAGATGAGAGT
GCCCGGAAAAATGAT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG236007  
Blue=ORF Red=Cloning site Green=Tag(s)

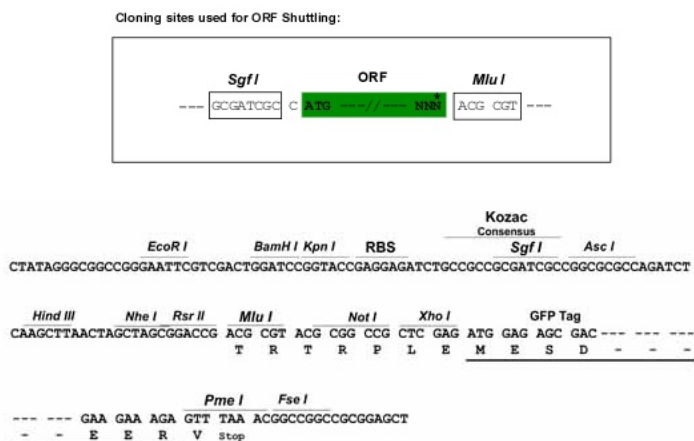
```
MAAEDVVATGADPSDLESGLLHEIFTSPLNLLLLGLCIFLLYKIVRGDQPAASGSDDDDEPPPLRLK
RRDFTPAELRRFDGVQDPRILMAINGKVFVTKGRKFGYPVKYHHVGLLKEGEEPTVYSDEEEKDES
ARKND
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMHFSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** Sgfl-MluI

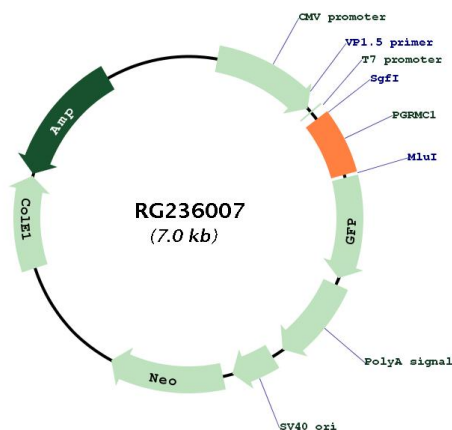


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_001282621

ORF Size: 429 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.

<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>RefSeq:</b>	<u>NM_001282621.1</u> , <u>NP_001269550.1</u>
<b>RefSeq Size:</b>	1772 bp
<b>RefSeq ORF:</b>	432 bp
<b>Locus ID:</b>	10857
<b>UniProt ID:</b>	<u>O00264</u>
<b>Cytogenetics:</b>	Xq24
<b>Protein Families:</b>	Druggable Genome, Nuclear Hormone Receptor, Transmembrane
<b>MW:</b>	16.3 kDa
<b>Gene Summary:</b>	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]