

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)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGCCGAGGATGTGGTGGCGACTGGCGCCGACCAAGCGATCTGGAGAGCGCGGGCTGCTGCAT
GAGATTTTACGTCGCCGCTCAACCTGCTGCTGCTTGGCCTCTGCATCTTCTGCTCTACAAGATCGTG
CGCGGGGACCAGCCGGCGGCCAGCGGGCAGCGGACGACGACGACGAGCCGCCCTCTGCCCGCTCAAG
CGGCGCGACTTACCCCCGCCGAGCTGCGGCGCTTCGACGGCGTCCAGGACCCGCGCATACTCATGGCC
ATCAACGGCAAGGTGTTTCGATGTGACCAAAGCCGCAAATCTACGGGCCGTCAAGTATCATCACGTG
GGCAAACCTGCTGAAGGAGGGGAGGAGCCCACTGTGTACTCAGATGAGGAAGAACCAAAAGATGAGAGT
GCCCGGAAAAATGAT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

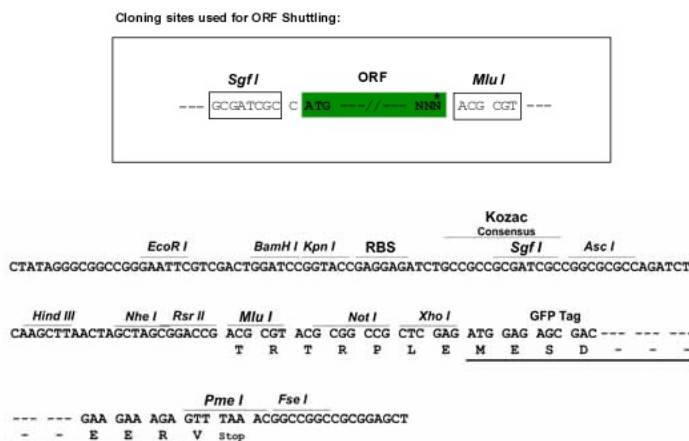
Protein Sequence: >Peptide sequence encoded by RG236007
Blue=ORF Red=Cloning site Green=Tag(s)

```
MAAEDVVATGADPSDLESGLLHEIFTSPLNLLLLGLCIFLLYKIVRGDQPAASGSDDDPEPPLRLK
RRDFTPAELRRFDGVQDPRILMAINGKVFVTKGRKFYGPVKYHHVGLLKEGEEPTVYSDEEEKDES
ARKND
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI

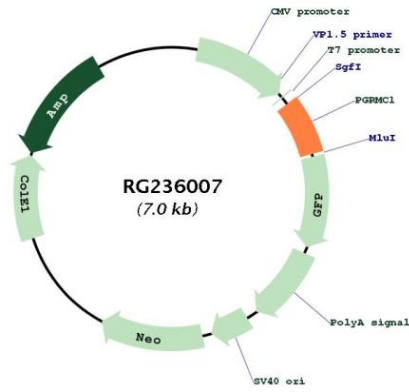


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Cloning Scheme:


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.
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).
RefSeq:	NM_001282621.1 , NP_001269550.1
RefSeq Size:	1772 bp
RefSeq ORF:	432 bp
Locus ID:	10857
UniProt ID:	Q00264
Cytogenetics:	Xq24
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transmembrane
MW:	16.3 kDa
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 RG236007