

Product datasheet for **RG236557**

PAQR4 (NM_001284513) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PAQR4 (NM_001284513) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PAQR4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236557 representing NM_001284513.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCATGCCCTGGGGTCAGCTGGGCAAGGATGGCTGGCTGGGAGGCACACATTGCGTGGCCTGCCTT
GCACCCCTGCAGGCTCCGTGCTCTATCACCTCTTTATGTGCCACCAAGGGGGCAGCGCTGTGTACGCC
CGGCTCCTCGCCCTGGACATGTGTGGGGTCTGCCTTGTCAACACCTTGGGGCCCTGCCATCATCCAC
TGCACCTGGCCTGCAGGCCCTGGCTGCCCGGGCTGCCCTGGTGGGCTACACTGTGTTCGGGTGTG
GCCGGCTGGCGTCTCTACCGCCCCCTCCACCACTGCTCGGCTCCGGGCATTTGGATGGCAGGCTGTG
GCCCGCTACTGGTATTTGGGGCCCGGGAGTGGGTCTGGGTTCCAGGGCTCCAGGCTCCCTGCCCTGC
TACCTGCGCATGGACGCACTGGCGCTGCTTGGGGACTGGTAAATGTAGCCCGTCTGCCCGAGCGCTGG
GGACCTGGCCGCTTTGACTACTGGGGCAACTCCCACCAGATCATGCACCTGCTGAGCGTGGGCTCCATC
CTGCAGCTGCACGCCGGCGTCTGCCCGACCTGCTCTGGGCTGCCACCAACGCTGTCCCGGGAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236557
Blue=ORF Red=Cloning site Green=Tag(s)

```
MTMPWQQLGKDGWLGTHCVACLAPPAGSVLYHLFMCHQGGSAVYARLLALDMCGVCLVNTL GALPIIH
CTLACRPWLRPAALVGYTVLSGVAGWRALTAPSTSARLRAFQWQAAARLLVFGARGVGLGSGAPGSLPC
YLRMDALALLGGLVNVARLPERWGPGRFDYWGNSHQIMHLLSVGSILQLHAGVVPDLLWAAHACPRD
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI

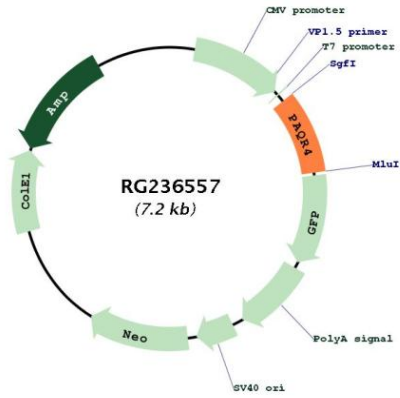


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Cloning Scheme:


- ACCN:** NM_001284513
- ORF Size:** 618 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_001284513.2](#)
- RefSeq Size:** 2317 bp
- RefSeq ORF:** 621 bp
- Locus ID:** 124222
- Cytogenetics:** 16p13.3
- Protein Families:** Druggable Genome, Transmembrane
- MW:** 22.2 kDa

Product images:



Circular map for RG236557