

Product datasheet for **RG207628**

PAQR4 (NM_152341) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: PAQR4 (NM_152341) 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: >RG207628 representing NM_152341
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGTTCCTGGCCGGGCCGCGCTGCTGGACTGGGCCAGCTCGCCGCCGACCTGCAGTTCAATAAGT
 TCGTGTGACCGGTACCGGCCGCCAGCAGCGGCTCGGGCTGCCTGCGCAGCCTCTTCTACCTGCACAA
 CGAACTGGGCAACATCTACACGCACGGGCTGGCCCTGCTGGGCTTCCTGGTGTGGTCCAATGACCATG
 CCCTGGGGTCAGCTGGGCAAGGATGGCTGGCTGGGAGGCACACATTGCGTGGCCTGCCTTGACCCCTG
 CAGGCTCCGTGCTCTATCACCTTTATGTGCCACCAAGGGGGCAGCGCTGTGTACGCCCGCTCCTCGC
 CCTGGACATGTGTGGGGTCTGCCTTGCAACACCCTTGGGGCCCTGCCCATCCTCACTGCACCCTGGCC
 TGCAGGCCCTGGCTGCGCCCGGCTGCCCTGGTGGCTACACTGTGTTGTGCGGTGTGGCCGGCTGGCGTG
 CTCTACCGCCCTCCACCACTGCTCGGCTCCGGCATTGGATGGCAGGCTGCTGCCCGCTACTGGT
 ATTTGGGGCCCGGGAGTGGTCTGGGTTCCAGGGCTCCAGGCTCCCTGCCCTGTACCTGCGCATGGAC
 GCACTGGCGTGTGGGGACTGGTAAATGTAGCCCGTCTGCCGAGCGCTGGGACCTGGCCGCTTTG
 ACTACTGGGGCACTCCACCACTGATGCACCTGCTGAGCGTGGGCTCCATCCTGCAGTGCACGCCGG
 CGTCGTGCCGACCTGCTCTGGGCTGCCACACGCTGTCCCCGGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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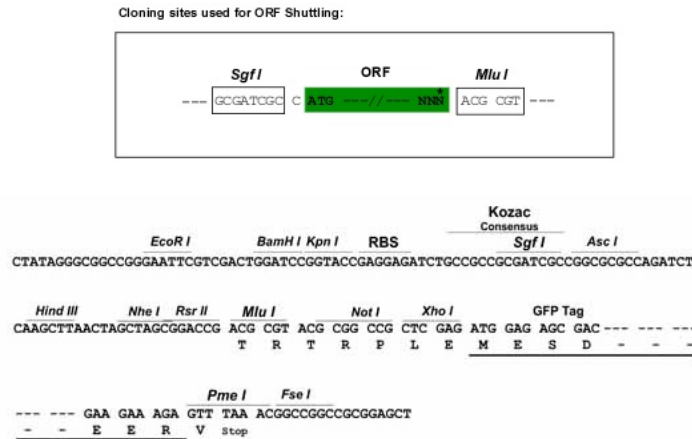
Protein Sequence: >RG207628 representing NM_152341
Red=Cloning site Green=Tags(s)

MAFLAGPRLLDWASSPPLHQNKFVLTGYRPASSGSGCLRSLFYLHNELGNIYTHGLALLGFLVLPMTM
 PWGQLGKDGWLGTHCVACLAPPAGSVLYHLMCHQGGSAVYARLLALDMCGVCLVNTLGALPIIHCTLA
 CRPWLRPAALVGYTVLSGVAGWRALTAPSTSARLRAFQWQAAARLLVFGARGVGLGSGAPGSLPCYL RMD
 ALALLGGLVNVARLPERWGPGRFDYWGNSHQIMHLLSVGSILQLHAGVVPDLLWAAHHACPRD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152341

ORF Size: 819 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_152341.5](#)

RefSeq Size: 2459 bp

RefSeq ORF: 822 bp

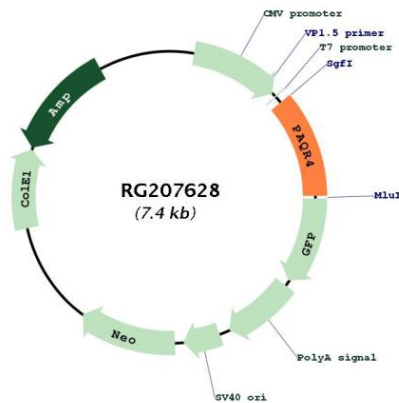
Locus ID: 124222

UniProt ID: [Q8N4S7](#)

Cytogenetics: 16p13.3

Protein Families: Druggable Genome, Transmembrane

Product images:



Circular map for RG207628