

Product datasheet for RC236557

PAQR4 (NM_001284513) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: PAQR4 (NM_001284513) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: PAQR4
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RC236557 representing NM_001284513
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACCATGCCCTGGGGTCAGCTGGGCAAGGATGGCTGGCTGGGAGGCACACATTGCGTGGCCTGCCTTG
 CACCCCTGCAGGCTCCGTGCTCTATCACCTCTTTATGTGCCACCAAGGGGCGAGCGCTGTGTACGCCCC
 GCTCCTCGCCCTGGACATGTGTGGGGTCTGCCTTGTC AACACCCTTGGGGCCCTGCCCATCATCCACTGC
 ACCCTGGCCTGCAGGCCCTGGCTGCGCCCGGCTGCCCTGGTGGGCTACACTGTGTTCGGGTGTGGCCG
 GCTGGCGTGTCTCACCGCCCCCTCCACCAGTGTCTGGCTCCGGGCATTTGGATGGCAGGCTGTGCCCG
 CCTACTGGTATTTGGGGCCGGGAGTGGGTCTGGGTTACAGGGCTCCAGGCTCCCTGCCCTGTACCTG
 CGCATGGACGCACTGGCGCTGTGGGGACTGGTAAATGTAGCCCGTCTGCCGAGCGCTGGGGACCTG
 GCCGCTTTGACTACTGGGCAACTCCCACCAGATCATGCACCTGTGAGCGTGGGCTCCATCCTGCAGCT
 GCACGCCGGCGTCTGCCGACCTGTCTGGGCTGCCACCACGCTGTCCCCGGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236557 representing NM_001284513
 Red=Cloning site Green=Tags(s)

MTMPWGQLGKDGWLGGTHCVAACLAPPAGSVLYHLFMCHQGGSAVYARLLALDMCGVCLVNTL GALPIIHC
 TLACRPWLRPAALVGYTVL SGVAGWRAL TAPSTSARLRAFQWQAAARLLVFGARGVGLGSGAPGSLPCYL
 RMDALALLGGLVNVARLPERWGPGRFDYWGNSHQIMHLLSVGSILQLHAGVVPDLLWAAHHACPRD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

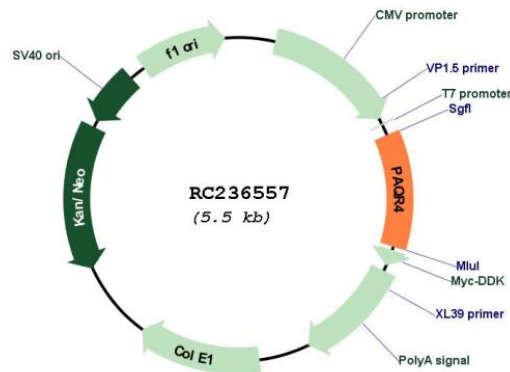


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Cloning Scheme:



Plasmid Map:



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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001284513.2</u>
RefSeq Size:	2317 bp
RefSeq ORF:	621 bp
Locus ID:	124222
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome, Transmembrane
MW:	22.2 kDa