

## Product datasheet for **RC236511**

### PAQR4 (NM\_001284512) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: PAQR4 (NM\_001284512) 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: >RC236511 representing NM\_001284512  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGTTCTGGCCGGCCGCGCCTGCTGGACTGGCCAGCTCGCCGCCACCTGCAGTTCAATAAGT  
TCGTGCTGACCGGGTACCGGCCCGCCAGCAGCGGCTCGGGCTGCCTGCGCAGCCTCTTCTACCTGCACAA  
CGAACTGGGCAACATCTACACGCACGGGGCCCTGCCCATCATCCACTGCACCCTGGCCTGCAGGCCCTGG  
CTGCGCCCGGCTGCCCTGGTGGGCTACACTGTGTGTCGGGTGTGGCCGGCTGGCGTGCTCTCACCGCCC  
CCTCCACCACTGCTCGGCTCCGGGCATTTGGATGGCAGGCTGCTGCCCGCCTACTGGTATTTGGGGCCCG  
GGGAGTGGGTCTGGTTCCAGGGCTCCAGGCTCCCTGCCCTGCTACCTGCGCATGGACGCACTGGCGCTG  
CTTGGGGACTGGTAAATGTAGCCCGTCTGCCGAGCGCTGGGGACCTGGCCGCTTTGACTACTGGGGCA  
ACTCCACCAAGATCATGCACCTGCTGAGCGTGGGCTCCATCTGCAGCTGCACGCCGGCGTCTGCCCGA  
CCTGCTCTGGGCTGCCACCACGCTGTCCCGGGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236511 representing NM\_001284512  
Red=Cloning site Green=Tags(s)

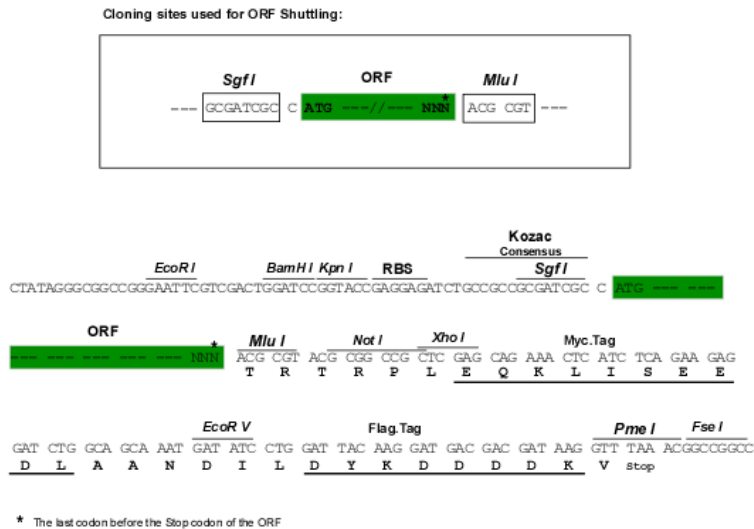
MAFLAGPRLLDWASSPHLQFNKFVLTGYRPASSGSGCLRSLFYLNELGNIYTHGALPIIHCTLACRPW  
LRPAALVGYTVLSGVAGWRALTAPSTSARLRAFQWQAAARLLVFGARGVGLGSGAPGSLPCYL RMDALAL  
LGGLVNVARLPERWGPGRFDYWGNSHQIMHLLSVGSILQLHAGVVPDLLWAAHHACPRD

**TRTRP**LEQKLISEEDLAANDILDYKDDDDKV

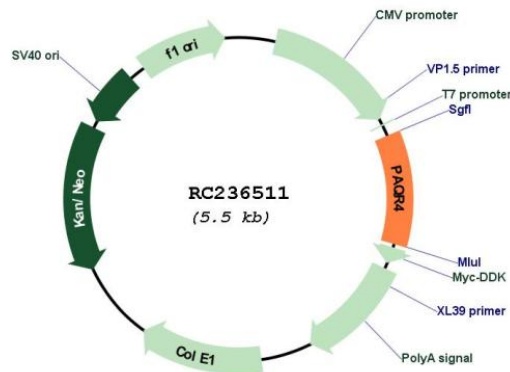
Restriction Sites: Sgfl-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM\_001284512

ORF Size: 597 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>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001284512.2</a></u>
<b>RefSeq Size:</b>	2589 bp
<b>RefSeq ORF:</b>	600 bp
<b>Locus ID:</b>	124222
<b>UniProt ID:</b>	<u><a href="#">Q8N4S7</a></u>
<b>Cytogenetics:</b>	16p13.3
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>MW:</b>	21.9 kDa