

## Product datasheet for **SC333214**

### PAQR6 (NM\_001272105) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PAQR6 (NM\_001272105) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PAQR6  
**Synonyms:** PRdelta  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333214 representing NM\_001272105.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCTCAGTCTCAAGTGCCTCAACTTCTTCAAGTCCACCAGGTGTTCTGGGAAGATGGCATCATGTCT
GGCTACCGCCGCCACCAGCTCGGCTTTGGACTGTGTCTCAGCTCCTTCCAGATGACCAACGAGACG
GTCAACATCTGGACTCACTTCTGCCACCTGGTACTTCTGTGGCGGCTCTGGCGTGGCGGGCGGC
CCCGGCTCCGTGCGGAGCCGTACCACTGGCCGCTGCTGGTCTTCTGCTGCCCGCTGCCTTACCCC
TTCGCGTGTGCTGCGGCACACCTTCAGTCCATGTCGCCCCGATGCGCCACATCTGCTACTTCTC
GACTACGGCGCGCTCAGCCTTACAGTCTGGGCTGCGCCTTCCCCTATGCCGCTACTCCATGCCGGCC
TCCTGGCTGCACGGCCACCTGCACCAGTCTTTGTGCCTGCCCGCCACTCAACTCCTTCCGTGTGACC
GGCCTCTCCTGCTACTCCCGTTTCTGGAGCTGAAAAGCCCTGGGCTCAGTAAGGTCTCCGCACAGGA
GCCTTCGCCTATCCATTCTGTTGACAACCTCCCACTCTTTATCGGCTCGGGCTGTGCTGGGGCAGG
GGCCACGGCTGTGGGCAGGAGCCCTGAGCACCAGCCATGGCTACCATCTTCTGCGCGTGTCTACT
GGCTTCTCTTCGCCTCCACCTGCCTGAAAGGCTGGCACCAGGACGCTTTGATTACATCGGCCACAGC
CACCAGTTATCCACATCTGTGCAGTGTGGGCACCCACTTCCAGCTGGAGGCAGTGTGGCTGATG
GGATCACGCAGAGCCTGGCTGGCCACACAGGAACCTGCCCTGGGCTGGCAGGCACAGTGGCCACACTG
GTCTTGGCTGCAGCTGGGAACCTACTCATTATTGCTGTTTACAGCCACCCTGCTTCGGGCCCCAGT
ACATGCCCTCTGCTGCAGGGTGGCCACTGGAGGGGGTACCCAGGCCAAACAACAGTGA
```

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001272105  
**Insert Size:** 1026 bp  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  
**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).



<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_001272105.1</a></u>
<b>RefSeq Size:</b>	2143 bp
<b>RefSeq ORF:</b>	1026 bp
<b>Locus ID:</b>	79957
<b>UniProt ID:</b>	<u><a href="#">Q6TCH4</a></u>
<b>Cytogenetics:</b>	1q22
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>MW:</b>	37.6 kDa
<b>Gene Summary:</b>	<p>Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432, PubMed:23161870). Seems to act through a G(s) mediated pathway (PubMed:23161870). Involved in neurosteroid inhibition of apoptosis (PubMed:23161870). May be involved in regulating rapid P4 signaling in the nervous system (PubMed:23763432). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23763432, PubMed:23161870).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, uses alternate splice sites in the coding region and initiates translation at an alternate start codon, compared to variant 1. The resulting isoform (3) has distinct N- and C-termini and is shorter, compared to isoform 1.</p>