

Product datasheet for **SC333216**

PAQR6 (NM_001272107) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PAQR6 (NM_001272107) Human Untagged Clone
Tag: Tag Free
Symbol: PAQR6
Synonyms: PRdelta
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333216 representing NM_001272107.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCGCCCGCATGCGCCACATCTGCTACTTCCTCGACTACGGCGCGCTCAGCCTCTACAGTCTGGGC
TGGCCTTCCCCTATGCCGCTACTCCATGCCGGCCTCTGGCTGCACGGCCACCTGCACCAGTTCTTT
GTGCTGCCGCGCACTCAACTCCTTCTGTGCACCGCCTCTCTGCTACTCCCGTTTCTGGAGCTG
GAAAGCCCTGGGCTCAGTAAGTCTCCGCACAGGAGCCTTCGCATCCATTCTGTTCGACAACCTC
CCACTCTTTTATCGGCTCGGGCTGTGCTGGGCGAGGGCCACGGCTGTGGCAGGAGGCCCTGAGCACC
AGCCATGGCTACCATCTTCTGCGCGTGTCTACTGGCTTCCTCTCGCCTCCCACCTGCCTGAAAGG
CTGGCACCAGGACGCTTTGATTACATCGGCCACAGCCACAGTTATTCCACATCTGTGCAGTGTGGGC
ACCCACTTCCAGCTGGAGGCAGTGTGGCTGATATGGGATCACGCAGAGCCTGGCTGGCCACACAGGAA
CCTGCCCTGGGCTGGCAGGCACAGTGGCCACACTGGTCTTGGCTGCAGCTGGGAACCTACTCATTATT
GCTGCTTTCACAGCCACCCTGCTTCGGGCCCCAGTACATGCCCTCTGCTGCAGGGTGGCCCACTGGAG
GGGGGTACCCAGGCCAAACAACAGTGA
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Restriction Sites: Sgfl-MluI
ACCN: NM_001272107
Insert Size: 717 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).



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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_001272107.1](#)

RefSeq Size: 2206 bp

RefSeq ORF: 717 bp

Locus ID: 79957

UniProt ID: [Q6TCH4](#)

Cytogenetics: 1q22

Protein Families: Druggable Genome, Transmembrane

MW: 25.8 kDa

Gene Summary: 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]
Transcript Variant: This variant (6) uses an alternate splice site at an internal exon in the 3' coding region, compared to variant 1. It encodes isoform 5 which has a shorter and distinct C-terminus, compared to isoform 1.