

Product datasheet for **SC111792**

PAQR6 (NM_024897) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAQR6 (NM_024897) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAQR6
Synonyms:	PRdelta
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024897, the custom clone sequence may differ by one or more nucleotides

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ATGTCGCCCCGCATGCGCCACATCTGCTACTTCCTCGACTACGGCGCGCTCAGCCTCTACAGTCTGGGCT
GCGCCTTCCCCTATGCCGCTACTCCATGCCGGCCTCCTGGCTGCACGGCCACCTGCACCAGTTCTTTGT
GCCTGCCGCCCACTCAACTCCTTCCTGTGCACCGGCCTCCTGCTACTCCCGTTTCTGGAGCTGGAA
AGCCCTGGGCTCAGTAAGGTCTCCGCACAGGAGCCTTCGCCTATCCATTCTGTTCGACAACTCCCAC
TCTTTTATCGGCTCGGGCTGTGCTGGGGCAGGGGCCACGGCTGTGGGCAGGAGGCCCTGAGCACCAGCCA
TGGCTACCATCTCTTCTGCGCGTGCTCACTGGCTTCTCTTCGCCTCCCACCTGCCTGAAAGGCTGGCA
CCAGGACGCTTTGATTACATCGGTGAGGGCAGCCTGGCCCGGCCGGGAAGAGGCAGGGGCAGATGCCT
TCCCAGAGCACAGAATGAACTGGGCCACAGCCACCAAGTTATTCCACATCTGTGCAGTGTGGGCACCCAC
TTCCAGCTGGAGGCAGTGTGGTGATATGGGATCACGCAGAGCCTGGCTGGCCACACAGGAACCTGCC
TGGGCCTGGCAGGCACAGTGGCCACACTGGTCTTGGCTGCAGCTGGGAACCTACTCATTATTGCTGCTTT
CACAGCCACCCTGCTTCGGGCCCCAGTACATGCCCTCTGCTGCAGGGTGGCCACTGGAGGGGGGTACC
CAGGCCAAACAACAGTGAGGCCCATCCCTGACCCTGTCTGGAGGGGGCAGAGGCCAGGGCCCCAGTGCT
GACGAGGAGCCCAGATTTGGGCCTAATCAGGTGGGGACGCATCTCAGCCTGGAACCAACAGGGGCTGAGG
AGAGAGGGCACAGGAGAGAGGGCAGAGAAGAGGAGGGGTGTCTAGGGGGACTGGCAGAGTGTGAGAGGGA
CCGTGAGGGGGCTCTTGATGGGAGTGAAGAAGTGCTGAGGGTCTGAGAGGGGAGATGCATGCGTGTCCA
GGCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024897 unedited
 GATTTGTATCCGACTTACTATAGGGCGGCCGGAATTCGCACGAGGCCGGGTGTTCTGGG
 AAGATGGCATCATGTCTGGCTACCGCCGCCACCAGCTCGGCTTTGGACTGTGCTCTCA
 GTCCTTCCAGATGACCAACGAGACGGTCAACATCTGGACTCACTTCTGCCACCTGGT
 GAGGGGAGGCTCCGCCCCAGGCCCGGCCCTTGAGCTCAGAGGGGGTACCCAGGCCGGCAG
 GGACCGTCCAGGCCACGGGCTGCAGCGGCAGTCGCGGGGGTCCGCGCGGCCCTGAGCAC
 GCGCCCGCCGAGTACTTCTGTGGCGGCTCCTGGCGCTGGCGGGCGGCCCGGCTTCC
 GTGCGGAGCCGTACCACTGGCCGCTGCTGGTCTTCTGCTGCCCGCTGCCTCTACCCCT
 TCGCGTGTGCTGCGCGCACACCTTCAGCTCCATGTGCCCCGCATGCGCCACATCTGCT
 ACTTCTCGACTACGGCGCGCTCAGCCTTACAGTCTGGGCTGCGCCTTCCCCTATGCCG
 CCTACTCCATGCCGGCTCCTGGCTGCACGGCCACCTGCACCAGTTCTTTGTGCTGCCG
 CCGCACTCAACTCCTTCTGTGCACCGGCTCTCCTGCTACTCCCGTTTCTGGAGCTGG
 AAAGCCCTGGGCTCAGTAAGTCTCCGCACAGGAGCCTTCGCCTATCCATTCTGTTTCG
 ACAACCTCCACTCTTTATCGGCTCGGCTGTGCTGGGGCAGGGGCCACGGCTGTGGGC
 AGGAAGCCCTGAGCACCAGCCATGGCTACCATCTTCTGCGCGTGTCTACTGGCTTTTC
 TCTCGCCTCCACCTGCCTGAAAGGCTGGCACCGNACGCTTTGATTACATCGCCCCAGCC
 ACAGTTATTCCATCTGTGCAAGTCTGGGCACCCACTTCAGCGGGAGCAGGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024897 unedited
 CTTGGACGCGGCCGAATCTAGAGNCGAGGNNTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTGCTTCCAAAATTTTATTTTTTATTTGGACCTGCCTTGGTCCAAAAACATTGAAGG
 GGGTTTTCCAAAGTCTAACTAGGGATACCCCTTTAGCCTAAGACCTTCTCCCCACACC
 TTAATCCACCAAACCATCCATAATGCACCCAGATAGGCCACCCCAAAAGCCTGGACAC
 CTTGAGACACAGTTATGACCAGGACAGACTCATCTTTATAGGCAATAGCTGGTGGCAA
 ACTGGCATTACCTGGTTTGTGGGGATGGGGGGCAAGTGTGTGGCCTCTCGGCCTGGTTA
 GCAAGAAGCATTAGGGTAGGCCTAGGGTAGTCGTGTTAGTTCTTCCCTGTGCTGAGCAG
 AGACTTTCAGAAGCACCACAAACGGAGCCAGATGAAAGGACCCCAACACCTTCCCCCGCC
 AACCTTTGACAGAATATAGGGGCATTTTCAGCCTGGACACGCATGCATCTTCCCTCTTAA
 ACCCTCAGCACTCTTTCACTTCCATCAAGAGCCCCCTTACGGTCCCTCTTACACTCTGG
 CAGTCCCCCTAGACACCCCTTCTCTTTCTGGCCTCTCTTCTGTGCCCTCTCTCCTCAGC
 CCCTGTGGTTCCACGCTGAGATGCGTTCCACCTGATTAGGCCAAATCTGGGCTCCTT
 GTCAGCACTGGGCTGGCCTCTGCCCTTTCAGGACAGGGTACGGATTGGGCCTTACT
 GGTGTTTGGCCTGGGTACCCCCCTCAGGGGCCAACCTGCAACAAAGGGCATGTCTTGGNG
 GCCCAACAGGGGCTGGGAAAGCACCATAATGAGTGGTTCCCACTTGAACAAGACTG
 GGGCACTGTGCCTGCAGCCAGGCAGGTTCTGGGGGCCACAGCTTTGGGAACCCCTTA
 ACCCACTGCTCACTG

Restriction Sites:

NotI-NotI

ACCN:

NM_024897

Insert Size:

1930 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).

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:	NM_024897.2 , NP_079173.2
RefSeq Size:	2117 bp
RefSeq ORF:	1056 bp
Locus ID:	79957
UniProt ID:	Q6TCH4
Cytogenetics:	1q22
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<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 (1) represents the longest transcript and encodes the longest isoform (1).</p>