

Product datasheet for SC307725

PAQR9 (NM_198504) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAQR9 (NM_198504) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAQR9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_198504 edited <pre> ATGCCGCGGCGCCTGCAGCCCCGGGGCGCGGGCACAAAAGGCCCTCCGGCCCCGGCCCCG GCAGCTTCGGGGGCCGCCGGAACCTCCACTCTGCCGCTCCCGGGACCCCCAGCGTCT GCCAAGCCGCTGCTGCGCTGGGACGAGGTGCCGACGACTTCGTGGAGTGCTTCATCCTG TCGGGCTACCGGCGTCTGCCGTGCACGGCCAGGAGTGCCTAGCCTCGGTGCTGAAGCCT ACCAACGAGACGCTCAACTTCTGGACGCACTTCATCCCGCTGCTGCTGTTCTGAGCAAG TTCTGCCGTCTGTTCTTCTGAGCGGGCGGCGACGTGCCCTCCACCACCCGTGGCTGCTA CCGTTGTGGTGCTACGCGTCGGGAGTGCTGCTGACCTTCGCCATGAGCTGCACGGCGCAC GTGTTCACTGCTGCTGCTGCTGCTGCGCGCCGCTTCTTCTACCTGGACTACGCGTCC ATCAGCTACTACGGCTTCGGCAGCACGGTGGCCTACTACTACTACCTGTTGCCAGGCCTC AGCTTGCTGGATGCCAGAGTCATGACTCCATACTTGACGAGCGCCTGGGCTGGCAGTG GACTGCACGCGCCTTATCGCCGCTACCGCGCCCTGGTGCTGCCTGTGGCCTTCGTGCTG GCGGTGGCTTGCACTGTGGCCTGCTGCAAGAGCCGTACCGACTGGTGTACCTACCGTTC GCGCTGCGCACCTTCGTCTTCGTATGCCGCTCAGCATGGCCTGCCCCATTATGCTCGAG AGCTGGCTCTTCGACCTGCGTGGGAGAGACCCCACTCTTCGTGCACTTCTACCGCCGC TACTTCTGGCTGGTGGTGGCCGCTTCTCAACGTGAGCAAGATCCCCGAGCGCATCCAG CCGGGTCTTTTCGACATTATCGGCCACAGCCACCAGCTCTCCACATCTTCACCTTCCTC AGCATCTACGACCAGGTGTACTACGTAGAAGAGGGCCTGCGCCAGTTCCTCCAGGCGCCG CCTGCCGACCCACTTTCTCGGGTACTGTGGGCTACATGCTGCTGCTGGTGGTCTGCCTG GGGCTGTAATCAGGAAGTTCCTAAACAGCTCCGAATTCTGCAGTAAAAAGTGAGCCTCC GCCTTGAGGAGACTACTGGTTCGCCCATCTGTTTGGAGTTTCTGT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_198504
Insert Size:	1200 bp


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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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_198504.1.
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:	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_198504.1, NP_940906.1</u>
RefSeq Size:	2103 bp
RefSeq ORF:	1134 bp
Locus ID:	344838
UniProt ID:	<u>Q6ZVX9</u>
Cytogenetics:	3q23
Protein Families:	Druggable Genome, Transmembrane
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). May be involved in regulating rapid P4 signaling in the nervous system (PubMed:23763432). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23161870).[UniProtKB/Swiss-Prot Function]