

Product datasheet for SC304513

PAQR5 (NM_017705) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAQR5 (NM_017705) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAQR5
Synonyms:	MPRG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304513 representing NM_017705. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCTGAGCCTGAAGCTCCCCAGGCTGTTAGCATAGACCAGATACCCAGGTGTTCCATGAGCAAGGCA
 CCCTGTTCCGGCTACCGCCATCCACAGAGTTCTGCCACTGCCTGCATCCTCAGCCTTTTCCAAATGACCAA
 TGAGACTCTCAACATTTGGACTCACTTGCTGCCCTTCTGGTTCTTGCATGGAGGTTTGACTGCACTG
 TATATGACAGACATCAAGAATGACAGCTACTCCTGGCCCATGCTTGTGTACATGTGCACCAGCTGCGTGT
 ACCCACTTGTGTCCAGCTGTGCGCACACCTTCAGCTCTATGTCCAAGAATGCCCGGCACATTTGCTACTT
 CCTGGACTATGGTGCCGTC AACCTTTCAGCCTGGGCTCAGCCATTGCCTACTCTGCATACACGTTCCCG
 GATGCGCTCATGTGCACCACTTTCCATGACTACTACGTGGCCCTGGCTGTACTGAACACCATCCTCAGCA
 CAGGCCTCTCCTGCTACTCCAGTTTCTTGAAATCCAGAAGCCCAGACTCTGTAAGGTGATTCTGTCTCT
 CGCCTTTGCTTATCCGTACACCTGGGACTCCCTCCCCATCTTCTACAGGCTATTCTGTTCCAGGGGAG
 AGTGCACAAAATGAAGCCACCTCGTACCACCAGAAGCACATGATCATGACCCTCTGGCCTCTTCTTGT
 ACTCTGCACATCTGCCAGAACGCTAGCCCTGGACGCTTTGACTACATCGGTACAGTCACCAGCTGTT
 TCACGTGTGTGATCCTGGCCACGCACATGCAGATGGAAGCCATACTTCTGGACAAGACTCTGAGGAAG
 GAATGGCTCCTGGCCACCTCCAAGCCCTTCTTTCTCTCAGATAGCTGGAGCCATACTTCTGTGCATCA
 TCTTCAGCCTCAGCAACATAATTTATTTCTCAGCTGCTGTATCGGATTCCTCAAGCCAGAATTACATAA
 AAAAGAAACATGATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_017705
Insert Size:	993 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_017705.3
RefSeq Size:	5190 bp
RefSeq ORF:	993 bp
Locus ID:	54852
UniProt ID:	Q9NXX6
Cytogenetics:	15q23
Protein Families:	Druggable Genome, Transmembrane
MW:	38 kDa
Gene Summary:	Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432). Seems to act through a G(i) mediated pathway (PubMed:23763432). May be involved in oocyte maturation (PubMed:12601167).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.