

Product datasheet for MC211483

Paqr5 (NM_028748) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Paqr5 (NM_028748) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Paqr5
Synonyms:	0610010I15Rik; AV002411; BB115488; mPRg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211483 representing NM_028748 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGAGCCTAAAGCTCCCTAGGCTATTCCGCATAGACCAGGTGCCCCAGGTGTTCCATGAGCAGGGCA
TCCTCTTTGGTTACCGACACCCACAGAGTTCGGCACTGCCTGCATCCTCAGCCTCTTCCAAATGACCAA
TGAGACCCCTCAACATCTGGACGCACTTGCTACCCTTCTGGTTCTTTGTGTGGAGGTTTCATGACTGCACTC
TATGTGACAGACATCCAGAATGACAGCTACTCGTGGCCGATGCTTGTGTACATGTGTACCAGCTGCGTGT
ACCCCTCGCCTCCAGCTGTGCACACACATTACGCTCTATGTCCAAGAACGCCCGCATATCTGCTATTT
TCTGGACTATGGTGCCGCAATCTCTTCAGCCTGGGCTCAGCCATCGCCTACTCTGCATACACGTTCCCT
GATGCACTGGTCTGCAGTACCTTCCATGAGTGCTACGTAGCACTGGCCGTGCTAAACACCACTTCTCAGCA
CTGGCCTCTCCTGCTACTCCAGGTTTCTTGAAGTCCAGAAGCCCCGGCTCTGCAAGCTACTCCGGGTCTCT
GGCCTTCGCCTACCCCTACACTTGGGACTCACTCCCCATCTTCTACAGGCTCTTCTGTTCCAGGGGAG
AGTTCAAGAAATGAAGCCATGTTGTACCACCAGAAGCACATGGGCATGACTCTCTGGCCTCTTCTTCT
ACTCTGCTCACCTGCCAGAGCGACTAGCCCTGGACGCTTTGACTACATTGGCCACAGTCACCAGCTGTT
TCATGTGTGCGTCATCTGGCCACACACTTGACAGATGGAAGCCATCCTTCTGGACAAGACCCTGAGGAGG
GAGTGGCTCCTGGCCACCTCCAGACCTTCTCTTCCCTCAGATAGCAGCGGCCATGCTTCTGTGCATCA
TCTTCAGCCTCAGCAACATTATTTATTTCTCAGCTGCTCTGTATCGGATCCCTGAGCCTGAATTACATGA
AAAGGAAACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_028748
Insert Size:	993 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:	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:	<u>NM_028748.2</u> , <u>NP_083024.1</u>
RefSeq Size:	3500 bp
RefSeq ORF:	993 bp
Locus ID:	74090
UniProt ID:	<u>Q9DCU0</u>
Cytogenetics:	9 B
Gene Summary:	Plasma membrane progesterone (P4) receptor coupled to G proteins. Seems to act through a G(i) mediated pathway. May be involved in oocyte maturation.[UniProtKB/Swiss-Prot Function]