

## Product datasheet for MC202415

### Paqr8 (NM\_028829) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Paqr8 (NM_028829) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Paqr8
Synonyms:	1700019B16Rik; 3110001D06Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC059813 sequence for NM\_028829  
CGGAGCTGGAGTCGGGAGTGC GGCTGGCGGAGCTGGGCTGCAGGAGCTCGGCCGCGTGGTGTTCGAGTT  
CCTCAGGTCCTGATTGAAGCACTTGAAGTAGCTTATCTGCCAGCTCTACCTCCCTGCTTGTTCAGAAA  
CCCCATGGTTTCATCTCACACCTCAGCTGGAGCGTGGATTGCACATCTGTCAATAATCCCACTACACGTCTC  
TCTATGGAACACTACAGACGCTAATCTCTACAAAAGTTGTCTAACTGAGCCCCGAGGAGCCAGGGCCAC  
CGCTGTATGACGACTGCCATCCTAGAGCGCTGAGCACCTGTCAATGAGTGGGAGCAGCTGCCCGT  
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GTCCCACTACACGTTCTACTTTGTGGACTACGTGGGGTTCAGCGTCTACCAAGTATGGCAGCGCCCTGGCT  
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TCTCCTTTTTCGTTTTAGCTGCCTGCAGTGC GGCCACCGCCACCTCCTGAGGCACAAGGTCAAGGACAG  
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TTTTCAAAGGCATGGTATGACTATGGAATTTCAAATGCAGGCCATTTGAGAGTTTTAAACAGTGC GTTC  
ATTTTTCTGTCTGGGTGATAGCCTGTTTGGGAAGAGATCTTGGCTAAGATTCATGAGACCCCAAACATAA



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GGAGAGCCATCTTCACCCATGAGCAATGAGCAGAATTCTGGTTGTAGCTTCCAAAGAGTAGTCTGAAAC
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TCTCCCGAGGACTGTCTTCTGCATGAACCCAGTGGAGGAGGCTGTGTTTGAAGGAGGCTGAGGTGCC
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GGTTGTGCTCTCTTAGTTAAGACTTTCAACCCATTAATATGTAACGCCTCTGATAAGATTAACCAT
CAGTCATCTAAAAAAAAAAAAAAAAAAAA
    
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- Restriction Sites:** Ascl-NotI
- ACCN:** NM\_028829
- Insert Size:** 1065 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.

**RefSeq:** [BC059813](#), [AAH59813](#)

**RefSeq Size:** 4438 bp

**RefSeq ORF:** 1065 bp

**Locus ID:** 74229

**UniProt ID:** [Q80ZE5](#)

**Cytogenetics:** 1 A4

**Gene Summary:** Plasma membrane progesterone (P4) receptor coupled to G proteins. Seems to act through a G(i) mediated pathway (By similarity). May be involved in oocyte maturation (PubMed:12601167). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (By similarity).[UniProtKB/Swiss-Prot Function]