

Product datasheet for **MC202924**

Paqr7 (NM_027995) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Paqr7 (NM_027995) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Paqr7
Synonyms:	2310021M12Rik; AV001994; BB007237; mPR; Mpra; PGLP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC022922 sequence for NM_027995
CACAGTTTTCTGACTTCTCTCCGGGCCCTCCGGCATGGCGATGGCAGTAGCCAGAAGTTCAACCACC
TTCTGTCCAGCCTGTGGCACGTGGGCCAGAAGCCTCCGCAACCAGAACCTGTGTTTACAGTGGACCGGGC
CCAGGTGCCGCCACTTTCTGGAAGCCGTACATCTATGCTGGCTACCGGCCGCTGCATCAGAAGTGGTGT
TTCTACTTCCGCACACTGTTTCAGCGGCACAACGAGGCTGTGAACGTGTGGACCCACCTCCTGGCGGCC
TGGCTCTGCTGCTGCGGCTGATCGGCTTGGCGGCAAGTGTGGAAGTGTGGCTCACCTCCTGCAGGCC
CCTCTTCTCATCGTCTTGGCCTCCTTACCTACCTCTCGTTCACTGCTGTGGCTCACCTCCTGCAGGCC
AAGTCGGAGTTCTGGCATTACAGCTTCTTCTTCTTGGACTATGTGGGTGTGGCCGTGTACAGTTTGGCA
GTGCCCTGGCACACTTCTACTATGCCATAGAGCCGTCCTGGCATGACAAGGTGCAGGCTATTTCTGCGC
CACGGCCGCTTCTGGCCTGGCTTTCTGCGCTGGCTCCTGCTACAACAAGTACAGTCAAGAAGCCGGGT
CTGCTGGGGCGCATTTTCCAGGAGGCGCCATCAGCGCTGGCCTATGTGCTGGACATCAGCCCCGTGTTGC
ACCGCATCATAGTGTCTCCCTCCCTGCCGAGGAGGATCCCGCTTCTCTATCACAATGCCAAGTGGT
TTTTTCTTCTAGCTGCTGCCTTTTTCTCCACGGTTATGCCTGAGAGTTGGTCCCCGGCAGCTGTCAC
ATCTTTGGGCAGGGACACCAAGTTTCCATGTCTTTTGGTGTGCTGCACTCTGGCCAGCTAGAGCGCG
TGACACTGGATTATCAGGCCCGAGGGGCATATACGAGCCTCTGCACGCCGTTGGCCCCACAATTCTC
TGGCCTCTTCTGCTCACCCTGGCCAGCAGCAGCCTCACCCTGCTCCTCAGCCAGCTGGTGCAGCGC
AACTCCATCAGAAGACCAAGTAAAGCGGGTGGGTGGGAGCTGGCAGGGTGAGAGAAGGTGCTAGGGAC
AAAAGCCTGGACTTGGCTCCAGATCGGAACAAGGCCTGGTAAAGCTGGTTCTATCTGGCAGGCCATGACT
CCCTGCATACAAGCTCAATGGCCAAAGTGATGCTGCTAGCCAATCCTTGGGCCTGCAGATTGGCTGGGAG
CTGTAGAGCCTTGTCTAGTTCCCTGGGAGGGGCAGAGATGAGGGACTCCTGACTGCCCCCTCCCTTGGCGC
CTATCAGGGCTAAGGGTTGGAGTTCAGCTTTGGTCAACCACTGGTTTGGGGTTTTCAGTTGCTGGGCG
AGAAGACTCAGGCCAGTGTCAAATTTGAGCAGAGAGGGAGTGAAGTCTTAGCAGCCACCACCTACCAGA
GCTCACTGGTGGAGGGAAAAGAAACAGGCCCAAAGATGGGTAGTGTTTAACTTCACTATCCCCTGCACC
ACAGCCTGGATCGCTGGGTTCCAGAGAGTCCCCAAAGATAAGAGATCCCCCTCTCCTGCCACATCCCTGC
ATCACAGCCCAGCCAGAAAACCTCACAGCTAGCATTGGCCTGTATCTCTTGCACACTGTTTCCAGCTTCT
CCCCACAACCTATTTATGATTTTGAATATGTCTCCTTAGCTCACTGTTTCTGGGGCTCCAGGCTTTAG
AACCCTTAGGAATTGTCAAGGAAAGCTCAAAGTGTGACGAGTCACTGCAAGGCACTCAGAGCCTTG
GCTTAGGAAGGGTGAGGAGGAGTTTGCAGGCTGAGCTTAGAAGGGCGTTGCAGGCAAAAGGGAAGCCTGT
GCCGAGATTCGAGATGCAGAGATGCAGGGAGTTCAAGGGGGGGGCTAAAGGCAAGTTTGGTCCCTGGGGC
TGAGAGGCAAGACTGGTGGTCCCTGATATGCCCAAGATTCAATAAAATGACTATGATATTGCTAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_027995

Insert Size: 1038 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>BC022922</u> , <u>AAH22922</u>
RefSeq Size:	2061 bp
RefSeq ORF:	1038 bp
Locus ID:	71904
UniProt ID:	<u>Q80ZE4</u>
Cytogenetics:	4 D3
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. Involved in neurosteroid inhibition of apoptosis. Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. All variants (1 through 5) encode the same protein.