

## Product datasheet for MC227174

### Paqr7 (NM\_001285849) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Paqr7 (NM\_001285849) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Paqr7  
**Synonyms:** 2310021M12Rik; AV001994; BB007237; mPR; Mpra; PGLP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227174 representing NM\_001285849  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGATGGCAGTAGCCAGAAGTTCAACCACCTTCTGTCCAGCCTGTGGCACGTGGCCAGAAGCCTC  
 CGCAACCAGAACCTGTGTTTACAGTGGACCGGCCAGGTGCCCACTTTTCTGGAAGCCGTACATCTA  
 TGCTGGCTACCGCCGCTGCATCAGAAGTGGTGTCTACTTCCGCACACTGTTTCAGCGGCACAACGAG  
 GCTGTGAACGTGTGGACCCACCTCCTGGCGCCCTGGCTCTGCTGCTGCGGCTGATCGGCTTGGCGCAA  
 GTGTGGACTTCCGGGAAGACCCTCACGCCTGCCCTCTTCTTATCGTCTTGGCCTCCTTCACCTACCT  
 CTCGTTCAAGTGTGGCTCACCTCCTGCAGGCCAAGTCGGAGTTCTGGCATTACAGCTTCTTCTTTG  
 GACTATGTGGGTGTGGCCGTGTACCAGTTTGGCAGTGCCTGGCACACTTCTACTATGCCATAGAGCCGT  
 CCTGGCATGACAAGGTGCAGGCTATTTTCTGCCACGGCCGCTTCTGGCCTGGCTTCTGCGCTGG  
 CTCCTGTACAACAAGTACAGCCAGAAGCCGGTCTGCTGGGGCGCATTTCCAGGAGGCCATCGGGC  
 CTGGCCTATGTGCTGGACATCAGTCCCGTGTGCACCGCATCATAGTGTCTCCCTCCCTGCCAGGAGG  
 ATCCCGCTCTTCTATCACAAATGCCAAGTGGTTTTCTCTTCTAGCTGCTGCCTTTTTCTCCACGGT  
 TATGCCTGAGAGTTGTTCCCGCAGCTGTACATCTTTGGGCAGGGACACCAAGTTTTCCATGTCTTT  
 TTGGTGTGTGCACTCTGGCCAGCTAGAGCGGTGCACTGGATTATCAGGCCCGAGGGGCATATACG  
 AGCCTCTGCACGCCGCTTGGCCCCACAATTCTCTGGCCTCTTCTGCTCACCGTGGCCAGCAGCAGCCT  
 CACTGCGCTCCTCCTCAGCCAGCTGGTGGCGGCAAACTCCATCAGAAGACCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001285849



[View online »](#)

<b>Insert Size:</b>	1038 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001285849.1</a></u> , <u><a href="#">NP_001272778.1</a></u>
<b>RefSeq Size:</b>	3695 bp
<b>RefSeq ORF:</b>	1038 bp
<b>Locus ID:</b>	71904
<b>UniProt ID:</b>	<u><a href="#">Q80ZE4</a></u>
<b>Cytogenetics:</b>	4 D3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR compared to variant 1. All variants (1 through 5) encode the same protein.</p>