

## Product datasheet for **MC227555**

### Gprc5b (NM\_001195774) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gprc5b (NM\_001195774) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gprc5b  
**Synonyms:** AW125761; Raig2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227555 representing NM\_001195774  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTCTGGTGTAGAGAGAAAGATGAGAACCCATCAAGTGTTCCTTGCCCCTGCTCCTGGTGATTG  
 CCTCCGTGGCTTCAGAGAAGCCAGCACGTCCCGGGCTGTGGACTGGACCTTCTCCTCAGTACGTGTC  
 CCTGTGCGACCTGGACGCCATCTGGGGCATCGTGGTGGAGGCAGTGGCCGGGGCGGGGCCCTGATCACA  
 CTGCTTCTGATGCTCATTCTCCTAGTGAGACTACCCTTCAAGGACAAGGAAAGGAAAGCGGCCTGTGT  
 GCCTCCATTTCTCCTTCTGCTGGGGACCTGGGCCTCTTTGGCCTGACGTTTGCCTTATCATCCAGAT  
 GGACGAGACAATCTGCTCCATCCGACGCTTCTCTGGGGTGTCTCTTCGCGCTCTGCTTTTCTGCCTG  
 CTGAGCCAGGCGTGGCGGGTGGCGAGGCTGGTGCAGGAGGACCAAGCCCGCCAGCTGGCAGCTGGTGA  
 GCCTGGCACTGTGCCTGATGCTGGTGCAGGTATCATTGCCACTGAGTGGCTGGTGTGACTGTGCTGCG  
 TGACACGAAGCCAGCCTGCGCCTACGAGCCCATGGATTTGTGATGGCGCTCATCTACGACATGGTGCTG  
 CTGGCCATCACCTGGCCAGTCCCTCTCACGCTGTGTGGCAAGTTCAAACGGTGAAGGTGAACGGAG  
 CCTTCATCCTCGTCACTACCTTCTCTCTGCGCTCATCTGGGTGGTCTGGATGACCATGTACCTCTCGG  
 CAACTCATTAAATTAAGCAGGGAGATGCCTGGAGCGACCCACCTTGCCATTACACTGGCAGCCAGCGGA  
 TGGGTCTTTGTCATCTTCCATGCCATTCCGGAGATCCACTACACCCTTCTCCCACCCTGCAGGAGAACC  
 CACCCAACTACTTCGACACTTCACAGCCAGGATGCGGGAGACAGCATTTGATGAGGAAATGCACCTGCC  
 TCGGGCTACATGGAGAACAAGCCTTCTCAATGGATGAACATAACGCAGCTCTCCGATCAGCAGTGGGC  
 TTTTCCAATGGAAGCTTGGAGCAAAGATCTAGCAGCCTGGGAAAGAAGCCAGCAGCTTGGGAAACCGGC  
 CCAGTGCACCGTTCAGAAGCAATGTGTATCAGCCGACCGAGATGGCCGTCGTGCTCAATGGAGGGACTGA  
 AATGGCTGTCCATCCCCGCTCTCTGGAGTCTTTGGAGCTTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001195774
<b>Insert Size:</b>	1236 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_001195774.1</a></u> , <u><a href="#">NP_001182703.1</a></u>
<b>RefSeq Size:</b>	2558 bp
<b>RefSeq ORF:</b>	1236 bp
<b>Locus ID:</b>	64297
<b>Cytogenetics:</b>	7 F2
<b>Gene Summary:</b>	<p>Unknown. This retinoic acid-inducible G-protein coupled receptor provide evidence for a possible interaction between retinoid and G-protein signaling pathways (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). 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.</p>