

## Product datasheet for RN201955

### Gprc5a (NM\_001079890) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Gprc5a (NM\_001079890) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Gprc5a  
 Synonyms: Rai3  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN201955 representing NM\_001079890  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGACTACTCCTAGAGCTGCTGCCCCAGTGGTTGCCGCTCAGACCTGGATTCCAGGTAACAGACTTT  
 GTGACCTGGCGGAAGTTGGGGCATCGCCCTGAAACACTGGCCGAGTCGGGGCCGTGGCTACGGTGCC  
 TCTCATGTTTGGCCTCGTTTTCTCATCTGCAAAGTGCAGGACTCCAGCAAAGAAAGATGCTTCCCACC  
 CAGTTCCTCTTCCTCCTGGGAGTGTAGGGTCTTTGGCCTCACCTTCGCCTTCATCATCAAGCTGGATA  
 GGGCCACAGGGCCACACGCTTCTTCTTTCGGTGTCTCTTCGCCCTCTGCTTCTTGCCTCTTGGC  
 CCATGCATTTAATTTGATCAAGCTGGTCCGAGGGAGAAAGCCCTGTCATGGCTTGTGATCCTCAGCCTG  
 GCGGTGGGCTTACGCTGGTCCAGGACGTATCGCCATTGAATTCCTGGTCTCACCATGAACAGGACCA  
 ACGTCAATGTCTTTCCAGCTGCCTGCCCTCGGCGCAATGAGGACTTCGTATGCTACTCATTACGT  
 GCTCTTCTGATGGTGTGACCTTCGTGCGATCCCTCTGGTTTTCTGTGGATCCTTCTCTGGCTGGAAG  
 AGACACGGATCCACATATGCCTCACCTATTCTCTCCATCGCCATCTGGTGGCCTGGATCATCTGCTG  
 TCCTGATTCGACATTGACCGAAATGGGATGACACCATCTCAGCACAGTCTTGGTGGCAATGGCTG  
 GGTTTTCTGGTGTATATCTTGCCTGAGTTTCGACAGCTCCCGAGGCAACGGAGCTCCACCGATTAC  
 CCAAGTGAAGATGCTTTCTGTAACCTCAACTCATGAAGCAGAGCTATGGTGTGGAGAACAGAGCTTACT  
 CCCAAGAGGAAATCACCAAGGTCTTGAGGAGATGGGGACACACTCTATGCGCCTTATTCCACCCATT  
 TCAGATGCAGAATCGCCAAAAGGATTTCTCTATCCCGAGAGCCATACTCCAGCCAGTCCGTACAATGAC  
 TACGAAGGACGCAAGGGGACAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001079890



<b>Insert Size:</b>	1077 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>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>NM_001079890.1, NP_001073359.1</u>
<b>RefSeq Size:</b>	2094 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	312790
<b>Cytogenetics:</b>	4q43