

## Product datasheet for RN216676

### Gprc5c (NM\_001191591) Rat Untagged Clone

#### Product data:

|                      |  |
|----------------------|--|
| Product Type:        | Expression Plasmids  |
| Product Name:        | Gprc5c (NM_001191591) Rat Untagged Clone   |
| Tag:                 | Tag Free   |
| Symbol:              | Gprc5c   |
| Vector:              | pCMV6-Entry (PS100001)   |
| E. coli Selection:   | Kanamycin (25 ug/mL)   |
| Cell Selection:      | Neomycin   |
| Fully Sequenced ORF: | >RN216676 representing NM_001191591<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGGCCACCCATAAAACCTTGCTGATGTGCCTAGGACTGCCTCTTTCTCCCGGGAGCCTTGCCCCAGA  
ATCATGCCCCACCTGGCTGTAGCCAGACCTGGATCCCCCTACTACAACCTTTGTGACCGCTCGGGGC  
CTGGGGCATTGTCTTGGAGGCAGTGGCCGGGGCAGGCATCATCAGACCTTTGTGCTAACCAATTACCTT  
GTGGCTAGCCTCCCATTTGTGCAGGACACTAAGAAGCGGAGTCTCCTGGGACCCAAGTGTCTTCTCCTGC  
TGGGCACCTGGGCTCTTCTGCCTCGTGTGGTGCCTGCGTGGTGAAGCCAGACTTCTCGACTGTGCCTC  
TCGACGGTTCTCTTTGGGGTCTGTTTGCATCTGCTTCTCCTGCCTGATAGCCACACCTCTCCCTC  
AACTTCTAGCCCGAAGAACCATGGGCCCGAGGCTGGGTTATCTTCACTGTGGCTCTGCTTCTCACCC  
TTGTGGAGGTCATCATTAAACACCGAGTGGTTGATTATCACCTGGTACGGGGAGGCGCCAGGTTAGCAC  
CCCGGGCAATGGCAGCGCCGACTGGACCGTGACCTCTCCGTGTGCCATTGCCAACATGGACTTTGTCATG  
GCCCTCATTTACGTAATGCTGCTGCTGCTGGCGCCTTCTAGGAGCCTGGCCACCTTGTGTGGCCGCT  
TTAAGCGCTGGCGGAAGCACGGGTCTTTGTGTTGCTCACCACGGCCACCTCCATTGCCATCTGGGTGGT  
GTGGATTGTATGTACACCTACGGCAATAAGCAGCACCATAGCCCCACCTGGGATGACCCACACTGGCC  
ATTGCGCTCGCTGCCAATGCCTGGACTTTTGTCTTCTTATGTATCCCTGAGGTCTCCCAAGTGACCA  
AACCCAGCCAGAACAGAGCTACCAGGGGGACATGTACCCGACCCGAGGGGTGGGCTACGAGACCTCCT  
GAAGGAGCAGACGGGCCGAGCATGTTTGTGGAGAACAAGGCATTTTCTATGGATGAACCAGCCTCAGCA  
AAGAGACCGGTGTGCGCTTACAGTGGCTACAATGGTCACTGTGACCAGCGTGTACCAGCCACCAGAGA  
TGGCCCTGATGCACAAAGGCCGCTGAAGGTGCTACGACGTACCTCCCACGGGCCACCGCCAAACAG  
CCAGGTGATGGCAGTGCCAACTCAACCCTGCGAGCTGAAGACATGTACATGGTCCAGAGCCACCAGGTG  
GCCACGCCAACGAAAGACGGCAAGATCTCTCAGGCTTTAGAAATCCCTATGTGTGGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



|                               |   |
|-------------------------------|---|
| <b>ACCN:</b>                  | NM_001191591  |
| <b>Insert Size:</b>           | 1323 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>NM_001191591.1, NP_001178520.1</u>   |
| <b>RefSeq Size:</b>           | 1857 bp   |
| <b>RefSeq ORF:</b>            | 1323 bp   |
| <b>Locus ID:</b>              | 287805  |
| <b>Cytogenetics:</b>          | 10q32.1   |