

## Product datasheet for **RN210243**

### **Gpc5 (NM\_001107285) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpc5 (NM_001107285) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpc5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210243 representing NM\_001107285  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATGCTCGCACCTGGCGTCTGGGATGGCGCTGTCTCCTTCTCCTGGCTTTCTTGGATCTACCCGAA  
 GCGAGGGCGTGGAAAGCTGCGAAGAAGTTCGAAACTTTTCCAGTGGAGGCTTGGGGAGCTGTCAAGGG  
 GCTGCCGGAGGCGCCGCGGGCAGGACCTGATCTTCAGGTGTGCCTATCCAAAAACCAACGTGCTGTACC  
 AGGAAGATGGAGGAGCAGTACCAGATTGCCCTCAGCAGGATTTGCAGCAGGTGTACAGACATCCAGCT  
 CAACACTAAAGTTGCTAATATCTCGAATGCAGCTGCTTTTCAAGAGACCCTGGAAACCCTCATCCGACA  
 AGCAGAGAATTACACCAGTATCCTTTTCTGCAACACCTACCGAACATGGCCTTGGAGGCTGCTGCTTCC  
 ACTCAGGAGTTTTTACCAGTGTGGGACTCTATTTATTTGGTGGGATGTTAACCCCGAGGAATTTGTAA  
 ACAGATTTTTTGACAGTCTTTTCCCTCTGGTCTATAACCATCTCATAAACCCCTGGTGTGACTGACAGTTC  
 TCTGCAATACTCAGAATGCATCCGAACGGCCCGCAGGATGTTAGTCCATTTGGCAACATCCCCAAAAGA  
 GTCATGGGACAGATGGGGAGTCACTGTGCCCGTGCACATTCTGCAGGCGCTTAATCTGGGCATTG  
 AAGTCATCAACACCACGGACCATATCCACTTCTCTAAGGAGTGCAGTAGGGCCCTCCTGAAGATGCAGTA  
 CTGTCTCACTGCCAGAGCCTGACGCTCAGTAAGCCCTGTATGGGGTACTGCCTCAATGTATCAGGGGC  
 TGTCTAGCCACATGACAGACCTTAATCCACACTGGCATGCTTATATCCGCTCCTTGAAGAGCTGTCCG  
 ATGCGATGCACGGAACCTACGACGTTGAGCACGTGCTCCTGAACTCCACTTACTTGTAAATGATGCCAT  
 GCTGCAGGCTCACCTCAATGCCGAGAAGTACTGGATCAGGTGAATAAGATTTGCGGCCTCCAGTGAGA  
 ACAGCGACGCAGAGCCCCCGTACTTTTGATCCAAGCAAAGAGAGGCATGGGATGAAGATCTCTCCAA  
 GGAATGGTGAAGAGACACTTGCCAACAGAAGAAAAGAATTCATCAATAGCCTTAGGCTGCACAGTCTTT  
 CTATGGTGGCCTGGCTGACCAGCTTTGTGTTAATGAATGGGCTGCAGCTGAAGGGAGGCCCTGCTGGAAT  
 GGGGAGGACATAGTAAAAGCTATGCTCAGCGTGTGGTTGAAAATGGCGTCAAAGCCAGCTGCAAAATC  
 CTGAAGTCAGAGTCAGAGGAACTGATCCTGTGGTAAATCAGATAATTGACAAAAGCAAGCATGTATCCA  
 GCTGTTACAGGGCAGATCACCCAAACCAACAAGTGGGAGCTTCTTCATCCGGGCAGTGGTGGCGCATG  
 CTTGAGCAATCTAGTGGAGATTGTGATGACGAAGACGGTGTGGGGATCAGGAAGCGGAGAAAGTCAAGA  
 GGACCCTAAAGATCACAACTGGATGCCAGACAGCATGAACCTCAGTGACGTCAAACAAGTTCATGGAGC  
 AGACCGTGAAGTACTCTGGATACAACTGGTGCGGGATGCGGGTCAGGAAGTCTATGACGCTCCTG  
 CTGATGGGGACGCTGATGTTTCTCCCTGGCTTTGGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107285
- Insert Size:** 1719 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.

**RefSeq:** [NM\\_001107285.2](#), [NP\\_001100755.2](#)

**RefSeq Size:** 2491 bp

**RefSeq ORF:** 1719 bp

**Locus ID:** 306157

**Cytogenetics:** 15q23-q24