

Product datasheet for **RN208956**

Gpc4 (NM_001014108) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpc4 (NM_001014108) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpc4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208956 representing NM_001014108
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACGGTTAGGCTTGCTCGCGCTTCTCTGCACTCTGGCGGCGCTCAGCGCCTCGCTGCTGGCTGCGG
 AGCCCAAGTCGAAAAGTTGTTTCGGAAGTGCACGTCTCTACGTGTCCAAAGGCTTCAACAAGAACGATGC
 CCCCTCTATGAGATCAATGGTGACCATTGAAGATCTGTTCCAGGATTATACATGCTGTTCTCAAGAG
 ATGGAGGAGAAGTACAGTCTGCAAAGTAAAGATGATTTCCAAACTGTGGTCAGCGAGCAGTGCAACCATT
 TGCAAGCCATCTTTGCATCCCGTTACAAGAAGTTTGATGAATTTTTCAAAGAACTCTTGAAAATGCAGA
 GAAATCCCTGAATGATATGTTTCGTGAAGACATACGGCCACTTATACATGCAAAAATTCAGAGCTATTTAAA
 GATCTGTTTCGTAGAGTTGAAGCGCTACTATGTGGCGGAAACGTGAACCTGGAAGAAATGTTAAATGACT
 TCTGGGCTCGCCTCTGGAGCGCATGTTCCGCCTGGTGAACCTCCAGTACCATTTACAGATGAGTACCT
 GGATGTGTGAGCAAATACACTGAGCAGCTGAAGCCTTTTGAGACGTCCCTCGGAAACTGAAGCTCCAG
 GTTACCGGTGCATTCGTTGCAGCCAGGACCTTCGCTCAAGGCTTACGAGTTGCAAGGGATGTCGTGAACA
 GAGTCTCTGTGGTGAATCCACAGCTCAGTGCACCAAGCACTGCTGAAGATGATCTACTGCTCTACTG
 CCGGGGCTGGTACTGTGAAGCCCTGTTACAACATTCATAGATGCCATGCTGATGGTGGCAGAGAGGCTGGAGG
 GTCCTTTCAACATTGAGTCCGTTATGGATCCCATCGATGTGAAGATTTCTGATGCTATCATGAACATGCA
 GGATAATAGTGTTCAGGTGTCTCAGAAGTTTTCCAAGGCTGTGGACCTCAAAGCCTCTCCCGGCTGGA
 CGAATTTCTCGTCCATCTCTGAAAGTGCCTTCAGTCTGATTGAGACCTTATCATCCAGAGCAACGCC
 CAACTACAGCAGCTGGCACTAGTTTGGACCGACTGGTTACTGATGTCAAAGAGAAACTGAAGCAAGCTAA
 GAAGTTCTGGTCTCTCTCCAAGCACTGTCTGCAATGATGAGAGGATGGCAGCAGGAAATGAGAATGAG
 GATGACTGTTGGAACGGGAAAGAGCAAAGCAGGTACCTGTTTGCAGTGACAGGAAACGGATTAGCCAACC
 AGGGCAACAACCCAGAAGTGCAGGTTGACACCAGCAAGCCGGACATTCTGATCCTTCGTCAAATCATGGC
 CCTTCGGGTTATGACCAGTAAAAATGAAGAATGCTTACAACGAAATGACGTGGACTTCTTTGATATCAGC
 GATGAGAGTAGTGAGAGGGAAGCGGAAGCGGATGTGAATATCAGCAGTGCCTTCAGAGTTTGAGTACA
 ACGCCACTGACCATTCTGGGAAGAGTGCCAACGAGAAAGCTGACAGTGCCGGTGGTCCCTGCAGAGGC
 AAAGCCATCTCTCGTGCCTCTGCATCCTGTTCTCGCTGTGCAGGAGAGTGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014108

Insert Size: 1674 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_001014108.1](#), [NP_001014130.1](#)

RefSeq Size: 2669 bp

RefSeq ORF: 1674 bp

Locus ID: 317322

Cytogenetics: Xq36