

## Product datasheet for **RN204246**

### **Gpc3 (NM\_012774) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpc3 (NM_012774) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpc3
Synonyms:	OCI-5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN204246 representing NM\_012774  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCGGGACCGTGCACCCGCTGCTTGTGGTGGCGATGCTGCTCGGCTTGGCTGCCTGGACAGG  
 CGCAGCCCCCGCCCTCCAGACGCCACCTGTCACCAGGTCGGTCTTTCTTCCAGAGACTGCAGCCCGG  
 ACTCAAATGGGTTCCAGAAACCCCTGTGCCAGGATCAGATTTGCAAGTATGTCTCCCAAGGCCCAACA  
 TGCTGCTCAAGAAAGATGGAAGAAAAATACCAACTAACAGCGCGCCTGAACATGGAACAAGTCTCCAGT  
 CTGCGAGTATGGAAGTCAAGTTCTTAATTATTCAGAATGCTGCGGTTTTCCAAGAGGCCCTTGAATTGT  
 TGTTCCGCATGCCAAGAAGTACACCAATGCCATGTTCAAGAATACTACCCAGCCTGACTCCACAAGCT  
 TTTGAGTTTGTGGTGAATTTTTCACAGATGTCTCTCTACATCTTGGGTTCTGATATCAATGTGGATG  
 ATATGGTCAATGAATTGTTGCAGCCTCTTCCAGTCATCTATACCCAGATGATGAACCCAGGCCCTCC  
 CGAGTCAGTATTAGACATCAACGAGTGCCTCCGAGGAGCAAGACGCGACCTGAAAGTATTTGGCAGTTTC  
 CCCAAGCTTATTATGACCCAGGTTTCCAAGTCACTGCAAGTACTAGAATCTTCCCTCAGGCCCTGAACC  
 TCGGAATTGAAGTAAACACCCACCGACCACCTCAAGTTTGTAGTAAAGACTGTGGCCGATGCTCACCCG  
 AATGTGGTACTGCTTACTGCCAGGACTGATGATGGTCAAACCTTGTGGTGGTTATTGCAATGTGGTC  
 ATGCAAGGCTGTATGGCAGGTGGTAGAGATCGACAAGTACTGGAGAGAATACATTCTGTCTCTTGAAG  
 AGCTCGTGAACGGCATGTACAGAATCTACGACATGGAGAATGTGCTGCTCGGACTCTTTCAACCATCCA  
 TGATCCATCCAGTATGTGCAGAAGAACGGAGGCAAGCTGACCACCACTATTGGCAAGTTGTGCGCCAC  
 TCCAGCAACGCCAATATAGATCTGCTTATTATCCTGAAGATCTGTTTATTGACAAGAAGGTATTTAAAG  
 TCGCCCGTGTGAACATGAAGAAACCTTATCCAGCCGAAGAAGGGAAGTATTGCAAGTTGAAGTCTTT  
 CATCAGTCTCTATAGTGCTTTGCCAGGCTACATCTGCAGCCATAGCCCGTGGCCGAAAACGACACCCTG  
 TGCTGGAACGGACAAGAGCTTGTGGAGAGATACAGCCAGAAGGCGCAAGGAATGGGATGAAGAATCAGT  
 TTAACCTCCATGAGCTGAAAATGAAGGGCCCTGAGCCAGTGGTTAGCCAGATCATTGACAACTGAAGCA  
 CATTAACCAGCTCCTGAGAACCATGTCTGTGCCAAGGGTAAAGTTGTGGATAAAAAGCCTGGATGAGGAA  
 GGACTTGAGAGTGGAGACTGTGGTATGATGAGGATGAGTGCATCGGGAGCTCTGGTACGGCATGATGA  
 AAGTGAAGAACCAACTGCGCTTCTTGCAGAACTGGCATATGATCTGGATGTGGACGATGCTCCAGGGAA  
 CAAGCAACATGGAATCAGAAGGACAACGAGATCACACCTCTCACAGCGTGGGGAACATGCCATCCCCA  
 CTGAAAATCCTCATCAGTGTGGCCATCTACGTGGCGTGTCTTTTTTCTGGTGCCTGACTGCTCCATGCC  
 CATGCCTGTGCTGCCCTGCAGCACCTTGTGGCCCTCTACATA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1398\\_b01.zip](https://cdn.origene.com/chromatograms/ja1398_b01.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_012774

**Insert Size:** 1794 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\\_012774.1](#), [NP\\_036906.1](#)

**RefSeq Size:** 2213 bp

**RefSeq ORF:** 1794 bp

**Locus ID:** 25236

**UniProt ID:** [P13265](#)

**Cytogenetics:** Xq36

**Gene Summary:** heparan sulfate cell surface proteoglycan, may be involved in development of mesodermal tissues, may modulate Igf2 function [RGD, Feb 2006]