

## Product datasheet for **MC205720**

### **Gpc4 (NM\_008150) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpc4 (NM_008150) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpc4
Synonyms:	9530073D23Rik; AF311610; AI385680; AI661372; K-glypican
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC006622  
 CCTCCTTCACTACCAACTCCAACCTCCCCGGTTCTCGCTCCGCTCGTGAGTGTTCACTCCGCGCCTCTCCG  
 CCCGCTCCGCAGCGCTGCTTTCCATCGGGTCTCATTCTGTCCCCTAAAGGTGGGAGCGCTCCGTCAGGG  
 TCCGCACCATGGCAGCCTTAGGCTTGTCTCGCGCTCCTCTGCACCTGGCCGCGCTCAGCGCTCGCTGCT  
 GGCTGCGGAGCTCAAGTCGAAAAGTTGCTCGGAAGTGCAGCTCTCTACGTGTCCAAAGGCTTCAACAAG  
 AATGATGCCCCCTCTATGAGATCAACGGTGACCATTTGAAGATCTGTCCCAGGATTATACATGCTGTT  
 CTC AAGAGATGGAAGAGAAGTACAGCTGCAAAGTAAAGATGATTTCAAACCGTGGTCAGCGAACAGTG  
 CAACCATTTGCAAGCCATCTTTGCATCCCGTTACAAGAAGTTTGATGAATTTCTCAAAGAACTTCTTGAA  
 AATGCAGAGAAATCCCTGAATGATATGTTCTGTAAGACATATGGCCACTTATACATGCAAAAATTCAGAGC  
 TATTTAAAGATCTCTTCTGTTGAGTTGAAGCGCTACTATGTGGCGGAAATGTGAACCTGGAAGAAATGTT  
 AAATGACTTCTGGGCTCGCCTTCTGGAGCGCATGTTTCGCTGGTGAACCTCCAGTACCATTTTACAGAT  
 GAGTACTTGAATGTGTGAGCAAATATACAGAGCAGCTGAAGCCTTTTGGAGATGTCCCTCGAAACTGA  
 AGCTCCAGGTTACCCGCGCATTTGTTGCAGCCAGGACCTTCGCTCAAGGCTTAGCAGTTGCAAGGGATGT  
 AGTAAGCAAAGTGTCCGTGGTGAACCCACAGCTCAGTGCACCCATGCACTGCTGAAGATGATCTACTGC  
 TCCCCTGCGGGGCTGGTACTGTGAAGCCCTGTTACAACATTTGCTCAAACATCATGCGAGGCTGTT  
 TGGCCAACCAAGGAGACCTTGATTTTGAAGTGAACAATTTTCATAGATGCTATGCTGATGGTGGCAGAGAG  
 GCTGGAGGGTCTTTCAACATTGAGTCCGTTATGGATCCCATCGATGTGAAGATTTCTGATGCTATCATG  
 AATATGCAGGATAATAGTGTTCAGTGTCTCAGAAGGTTTTCCAAGGCTGTGGCCCTCCGAAGCCTCTCC  
 CAGCTGGACGAATTTCTCGCTCCATCTCTGAAAGTGCCTTCAGTGTCTCGATTGACACCTTATCATCCAGA  
 GCAACGCCCAACCACGGCAGCTGGCACTAGTTTGGACCGACTGGTTACTGATGTCAAGGAGAAATGAAA  
 CAAGCTAAGAAGTTCTGGTCTCTCTCCAAGCACCGTTTGAATGATGAGAGGATGGCAGCAGGAAATG  
 AAAATGAGGATGACTGCTGGAATGGCAAAGGCAAAGCAGGTACCTGTTTGCAGTGACAGGAAATGGATT  
 GGCCAACCAGGGCAACAACCCAGAAGTCCAGTTGACACCAGCAAGCCAGACATACTGATCCTTCGTCAG  
 ATCATGGCCCTTCGGGTTATGACCAGTAAAATGAAGAATGCTTACAATGGAATGACGTGGACTTCTTTG  
 ACATCAGTGATGAGAGTGTGGAGAGGGAAGTGAAGCGGATGTGAATATCAGCAGTGCCCTTCGGAGTT  
 CGAGTACAACGCCACTGACCATTCTGGGAAGAGTGCCAACGAGAAAGCTGACAGTGCCGGTGGTGGCCAT  
 GCAGAGGCAAAGCCCTACCTCCTCGCTGCTCTCTGCATCCTGTTTCTCGCTGTGCAGGGAGAGTGGAGAT  
 AATTGTCAAACCTGAGTAAAAGCGTTCATCATCAGAAAGTTCAAAGGCACCAAGTTCTCACTTTTTTTT  
 TTTTTAACCATCCTAGTACTTTGCTTTTTAAATGAATGGACAACAATGTACAGTTTTTACTGTGTGGCC  
 ACTGGTTAAGCAATGTTGACTTTGTTTTGCTCATTGAGTTTGGAGGGACAGCGGGGCTCTGCCTTTA  
 AGTTTGTCTCCCTCACCTCCCCCTCCTTTGAGACTCGTGTCTCGCTGGCTAGCAGTGTAGGTAC  
 AGAACTGTAGTTAGTTGTGCATTGGTGATCTTGTCTTTCTTTGTTGGCTTCTCTATTTTATTTGGGGT  
 TTTTCTTTTCAAATTATGGTCTCACCTGTTTCTCACAAGAAAACAGGGTCTTTCTTGGCATGTAACA  
 TGTACGATTTTCTGAAATATTAATAGCTGTACAGAAGCAGGTTATTTATCATGTTATCTTATTA AAAAG  
 AAAAAGCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_008150

**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:** [BC006622](#), [AAH06622](#)

**RefSeq Size:** 2344 bp

**RefSeq ORF:** 1674 bp

**Locus ID:** 14735

**UniProt ID:** [P51655](#)

**Cytogenetics:** X 28.33 cM

**Gene Summary:** Cell surface proteoglycan that bears heparan sulfate. May be involved in the development of kidney tubules and of the central nervous system.[UniProtKB/Swiss-Prot Function]