

## Product datasheet for **RN212439**

### **Pcdhgc3 (NM\_053943) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhgc3 (NM_053943) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgc3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>RN212439 representing NM\_053943  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTCGCAGAGGCCCGGAGCAGCGGACTGGTAAGCCCCGGGAGAACGGTGGGAGTTTTGCTTCTGCTAG  
 CTGCCTTGACCGAGGCTTCCACCATCATTCACTATGAGATCCTGGAGGAGAGAGAAGGGTTTTCCCGT  
 GGGTAACGTGGTCACGGATCTTGGTTTGGATCTCGGCAGTCTGTGCGCCCGCAGGCTCCGGGTGGTGCC  
 GGAGCTAGCCGTAGGTTCTTTGAGGTGAACTGGGAGACTGGAGAGATGTTCTGCAACGATCGACTGGACC  
 GAGAGGAGCTGTGTGGGACGCTGCCCTCTGCACTGTAACCTGGAGTTGGTGGTAGAGAACCCGCTGGA  
 GCTGTTACAGCGGGAAGTGGTGGTCCAGGACATCAACGACAACAATCCCTCTTCCACCAGCGGAAATG  
 AAATTGGAGATTAGCGAGGCCATGGCGCCGGGACGCGCTTCCGCTCGAGAGCGCGCACGATCCCGATG  
 TGGGAAGCAACTTTTACAAACCTATGAGCTGAGCCACAACGAGTACTTTGCGCTCCGCGTGCAGACTCG  
 AGAGGACGGCACGAAATACGCGGAGCTGGTCTGGAGCGCGCCCTAGATTGGGAACGGGAGCCAAGTGTC  
 CAGTTGGTACTGACCGCACTTGATGGAGGAACCCAGCTCGCTCCGCCACCCTTCCAATTCGTATCACAG  
 TGCTGGACGCGAATGACAATGCTCCTGCCTTCAATCAGTCTTTGTATAGGGCGCGCTCCGGGAGGATGC  
 ACCCCCAGGCACGCGCTCGCCAGGTTCTGCAACTGACCTGGATGAGGGCCTCAATGGAGAAATCGTT  
 TACTCCTTCGGCAGCCACAATCGTGTGGGGTGGCGGAACTATTCGCTTTAGACCTCGTAACCGGGTGC  
 TGACAATCAAGGGTGCCTGGACTTTGAAGACACCAAACTCCATGAGATTTACATCCAGGCCAAAGACAA  
 AGGTGCCAATCCGAAGGAGCGCATTGCAAAGTACTGGTAGAGTTGTGGACGTTAATGACAATGCCCGG  
 GAGATCACAGTCACCTCTGTATACAGCCAGTCCCTGAGGATGCTCCTCTGGGGACTGTCATTGCTTTGC  
 TCAGTGTGACTGATCTGGATCTGGAGAGAACGGGACGTTGACCTGCGAGGTTCCCGCGGTTCCCTT  
 CAGCCTGACTTCTCCCTCAAGAATTACTTCACTTTGAAAACCAAGTGCAGCCCTGGATCGTGAGACCGTG  
 CCCGAATACAATCTCAGTATCACAGCTCGAGACTCGGAACTCCCTCTCTCAGCTTTACAACAGTCA  
 GGGTCCAAGTGTCCGATATCAACGACAATCCTCCTCAGTCATCCCAATCCTCCTACGATGTGTATGTGGA  
 GGAAAATAACCTACCGGAGTTCCTATATTAACCTAAGTGTCTGGGACCCCGACGCCCCGCCAATGCC  
 CGCCTTTCTTTCTTTCTTTGAAACCCGGAGCGGAACTGGTCTCGTAGGTCGCTATTTACAATAAATC  
 GTGACAATGGAATCTTGACAACCTTAGTACCCCTGGACTATGAGGATCAGAGAGAGTTCAGCTAACCGC  
 TCATATAAACGACGGAGGTACCCCGTTTTGGCCACCAACATCAGCGTGAACATATTTGTTACTGACCGC  
 AATGACAACGCCCCCAGGTCTGTATCCCGGCTGGCCAGAGTTCAGTGGAGGTGCTGCCTCGAGGTA  
 CAGCGGGCGGCCACGTGGTCTCACGGTGGTAGGCTGGGACGAGATGCAGGGCACAAATGCCTGGCTCTC  
 CTACAGCCTCATGGGAGCCCCAACAGAGCCTTTTTGCCGTGGGGCTTACACGGGTGAGATCAGCACT  
 GCCCGCCCAATCCAGGACACAGATTCACCAAGACAGATTCACAGTCTTGATCTCAGACAATGGAGAAC  
 CATTGCTCTCCACCACGCCACCCTGACTGTGTGAGTAACTGAGGAGTCTCCGGAAGCCCGGGCCGAGTT  
 CCCTTCTGGCTCAGCTCCCCGAGAACAACAAAAATCTCACCTTTTATCTACTTCTTTCTAATCTTA  
 GTCTCTGTGGGATTTCGAGTTACAGTGTGGGAGTGATCATATTCAAAGTTTACAAGTGGAAAGCGGTCTA  
 GGGACCTTACCAGCCCCAGTGAGTCCCTGTACCGAACCCAGTGTCTCCTTGACGCGACAGCGGT  
 GCGAGGAGGCCTAATGCCGCGCACCTGTACCATCAGGTGTACCTCACCGGACTCTCGCCGACGCGAC  
 CCACTGCTGAAGAAGCCTGGTGGCGCCAGCCACTGGCCAGCCGCGCAGAACAACGCTGCGAAGTTGTGATC  
 CCGTGTCTATAGACAGGTGTTGGGTGCAGAGAGCGCCCCCTGGACAGCAAGCCCCGCCAACACTGA  
 CTGGCGTTTCTCTCAAGCCCAGAGACCCGGCACGAGCGGATCCCAAAATGGGGATGAAACCGGCACCTGG  
 CCCAACAAACAGTTTCGATACAGAGATGTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATG  
 GGAGCTCCACTCTGGGAGGGGCACTGGCACTATGGGTTTGGAGCGCTCGATATGGACCCAGTTTACCTT  
 GCAGCACGTGCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACACTGACCAACGCAGCT  
 GGCAAACGAGATGGCAAGCTCCGGCAGGCGCAATGGCAACAAGAAGAAGTCGGGCAAGAAGAGAAGA  
 AGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

<b>ACCN:</b>	NM_053943
<b>Insert Size:</b>	2805 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>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><a href="#">NM_053943.1</a></u> , <u><a href="#">NP_446395.1</a></u>
<b>RefSeq Size:</b>	4614 bp
<b>RefSeq ORF:</b>	2805 bp
<b>Locus ID:</b>	116782
<b>Cytogenetics:</b>	18p11
<b>Gene Summary:</b>	may play a role in cell-cell adhesion during spermatogenesis [RGD, Feb 2006]