

## Product datasheet for **RN217353**

### **Pcdhgc5 (NM\_001164288) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhgc5 (NM_001164288) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgc5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217353 representing NM\_001164288  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGCCTATGGCATCACACAGTCACTGGTAAACGGCAAGTCTGTATATGTTGTCCTTGTGCTGCT  
 GTGGCTGGGTGTCTGGGCAGCTTCGTTATTCAGTGGTGGAGGAATCAGAGCCGGGACTTTGGTGGGGAA  
 CGTTGCTCAAGATCTGGGCTTAAAGGTGGCAGATCTGTTGAGTCCGAGGCTGAGACTGGGCTCTGAGGAG  
 AACGGGCGCTATTTTTCCCTGAGCTTGATGAGTGGAGCTTTGGCAGTGAATCTAAAAATTGACCGAGAGA  
 GCCTGTGTGGAGCCAGCAGAGCTGCCTGCTGCCTGTACAGGTGGTAACCGAACACCCCTGGAGCTCAC  
 CCGGGTAGAGGTAGAGATCCTAGATCTCAACGACAACCTCTCTAGCTTTGCCACTCTGAGCGAGAGATG  
 CGCATCTCAGAATCAGCGGCACCTGGAGCCAGGTTCCCACTGGACAGTGCCAAGACCCAGAGCTGGGCA  
 CCAATACTGTGAGCTTTATACTCTAAGCCCCAGCAGTCACTTCTCTGAATGTGAAGACCCTAAAAGA  
 TGGGAAGCTCTCCAGAGCTAGTGTAGAGCAGCAGCTAGACCGGAAGCCAGCAAGGCATCAGCTG  
 GTACTCACTGCTGTGGATGGGGGAACCCAGCCGCTCAGGGACAGCCTTATCTCTGTCATTGTGCTGG  
 ACATCAATGATAATGCCCAACCTTCCAGTCTCAGTTCTACGTGTGGGACTCCCAGAGAACACACCCCC  
 GGGGACCTGCTGCTCCGTCTCAATGCCACTGATCCAGACGAGGGCACCATGGCCAACCTAGACTACTCT  
 TTCGGAGACCATACATCTGAAGCAGTGAAGAATCTCTTTGGCCTGGATCCTAACACTGGAGCAATCCACG  
 TGTTGGGTCCGGTAGATTTTGGAGAAATCAAATTTCTATGAAATTCATGCAAGAGCTCGAGACCAGGGACA  
 GCCAGCCATGGAGGGCCACTGTGAATCCAGGTGGATGTAGGGATGCTAACGACAATCCCCCTGAGGTG  
 CTGCTGGCATCTTTGGTCAACCTGTCTTAGAGAGCACACCCGTGGGCACAGTTGTGGGGTTGTTAATG  
 TGCGGGACCGAGACTCAGGTAGAATGGTGGGTGATCCTGGAGACAACCTCAAACCTGCCATTTTCAGAT  
 CAAGCTTCCGAGAACCATTACTCACTGCTACCAGCCAGCCTTTGGACCGAGAGGTCACATCCCATTAC  
 ACCATCGACCTGCTGGCCAGTGTGCTGGATCACCTCCCCTGCATACACATCTCACCATCAGGCTGAACA  
 TTTTCAGATGTTAATGACAACGCACCCCATTTACCCCAACAGCTCTACACTGCTTATATCCAGAAAAACCG  
 GCCACCAGGCTCTCTCTGTACTGTGGCTGCCTCTGATCCAGATGAGGGGGATAATGCCCGCCTCACC  
 TATTCTATTGTGGGAAGTCAAATTCAGGGAGCCCCAGCCTCCTCCTTGTGTATGTCAACCCGAAGATG  
 GACGAGCTTTGCCAGCGGACCTTTGACTATGAATTACTGCAGATGCTGCAGATTGTGGTGGGGTCCG  
 AGATTCGGCTCTCCCCACTGTATGCTAACACATCTCTCCATGTGTTTGTCTTATGATCAGAACGATAAC  
 GCCCAACTGACTGCACCCACGATCTGGCAGGGAGTTCTCAGCCCTCAGCGTCTCCCCGATCTGCTC  
 CTCTGTTCTCTGGTACCAAGGTGACAGCTGTGGATGCTGATGCTGGTCAAAATGCATGGCTCTCTTA  
 CTCTATTACCTCAGTCCACAGCCCCTGGACTGTTCTCGTATCTACACACACTGGTGGGTGGCACA  
 GCCCGGGCCTTATTGGAGGACGACTCTGATACCCAACAGGTGGTGGTCTGGTGGAGGACAATGGTGACC  
 CTTCACTATCCTCCACAGCAACAGTATTGCTGGTCTGGAGGACGAGGATGCAGAGGAAATGCCAAATC  
 CAGCGACTTCTCACACACCCCTCCCGAGCGGTGACACCTCACCTTTATCTTATTGTGGCGCTGGCAGCT  
 GTCAGTCTTTATCCCTAGTTACCTTCACTTTCATGTGAGTAAAGTGTCTGCGGAGGCATGAAGATAGGG  
 ACCGGGTGGGGCCAGTGTGCAGGGGCCAGGACTCGCCCTCCAGGGAGTTCTATAACAGTCCAGTCC  
 CAACCTTCAGTCACTCAGATGGCACTCTAAAGTACATGGAGGTGACCCTGCGGCCACAGATTCTCAG  
 AGCCATTGCTACAGGACGTGTTTTCTCCAGCCTCCGATGGCAGTGAATCACTTTCTCAGGCCCTCA  
 GCGTTCAGCAGCCCTCAGCCTTGGCGCTGGAGCCCGAGGCCTTGCCTTCCGGTCTAGTACGCTGCGGGA  
 GCGGAGCCAGCAAGCCCCGCCAACACTGACTGGCGTTTCTCTCAAGCCAGAGACCCGGCACGAGCGGA  
 TCCCAAAATGGGGATGAAACCGGCACCTGGCCAAACAACAGTTCGATACAGAGATGCTGCAAGCCATGA  
 TCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCTCCACTCTGGGAGGGGGCACTGGCACTATGGGTTT  
 GAGCGCTCGATATGGACCCAGTTTACCCTGCAGCAGTGCCTGACTACCGCCAGAACGTGTACATCCCT  
 GGCAGCAATGCCCACTGACCAACGCAGCTGGCAAACGAGATGGCAAGGCTCCGGCAGCGGCAATGGCA  
 ACAAGAAGAAGTCGGGCAAGAAAGAGAAGAAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

<b>ACCN:</b>	NM_001164288
<b>Insert Size:</b>	2835 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>NM_001164288.1, NP_001157760.1</u>
<b>RefSeq Size:</b>	3157 bp
<b>RefSeq ORF:</b>	2835 bp
<b>Locus ID:</b>	641525
<b>Cytogenetics:</b>	18p11