

## Product datasheet for **RN211110**

### **Pcdhga5 (NM\_001037137) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhga5 (NM_001037137) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN211110 representing NM\_001037137  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGACCCACCGAGGCGCTTGATCTGCAACGACCTGCTGACGTTCTTCATGCTGCTAGGGACGCTGT  
 GCGCGCCAGGAAATGGGCAGATCCGCTACTCTGTGCGGGAGGAGCTAGACAAAGGCTCCTTCGTGGGCAA  
 CATCTCCAAGGACCTGGGGCTGGAGCCCGCGAGCTGGCGGAGCGGGGTCGCGATCATCTCCAGAGGT  
 AGGTGCGAGCTTTTCTCTCTGAACCCGCGAGGCGGCAGCCTGGTCACCGCAGGAAGGATAGACGGGAGG  
 AGCTGTGCGCTCAGAGCGCGCCCTGTCTCATCAGCTTTAACATCTTGGTTGAGAAATAAAATGAAAATTTA  
 TGAAGTAGAAGTAGAAGTCTTGATATTAATGATAACTTCCCCGGTTCGCGATGAGGAGTTAAAAGTA  
 AAGGTAATGAAAACGCAGCTGCTGGAACACGTTTGGTGTCCCCTTCGCGAGAGATGGGGATGTGGGTG  
 TGAAATCCCTCCAGGGTTACCAGCTCAGCGCAACCCGCATTCTCACTGGACGTAAGAGTGGATCTGA  
 CGGGCAAAAACACCCAGAGTTGGTGTGGAACAGCCCCTGGACCGTGAGAAGGAGTCTGCTCTCGACCTG  
 GTCTCACAGCTTTGGACGGCGGAAACCCAGTACATTCTAGCACTGTCCATATCAGCGTGACCGTCCCTCG  
 ACGAAATGACAACGCACCCCTGTTACGCAAAGCGAATACAGAGTGAATGTTCCGGAAAACACACCTGT  
 GGGCACTAGACTCCTCATACTACCGCCACAGATGCAGACGAGGGAATCAATGCGAAGTTGACCTTCTCT  
 TTCCGCAACGAAGAAGATAAAATTTCTGAAACTTTCCAACCTCGATTCTAATCTGGGTGAGATCTCAACTA  
 TTCAATCCTTGGACTATGAAGAATCCAGTTTCTATCTCATGGAAGTGGTAGCCAGGACGGCGCGCTCT  
 TCTTGCCAGCGCTAAGGTGTTGGTCACAGTCCAGGACGTGAATGACAATGCTCCAGAAGTGATACTACC  
 TCCCTCACCAGTCCGTTTCCGAAGACTGTCTACCCGGAACCATAAATGCACTTTTCAGCGTACATGATG  
 CTGATTCGGGGAGAATGGAGAGGTTTCATGTTCTATTCCAAGAACCTCCCTTCAAACGAAAAGT  
 AGTAAATAATTACTACCCTACTAACAACAAGCGCACTGGATAGAGAGGAGACTTCGGATTATAATATC  
 ACAGTGACCGTCTGTTGATCGCGGGACTCCTCCCCTGTCTACAGAAAACCATCTCTCTGAAAGTAGCCG  
 ACATAAATGACAACCCACCCACCTTCTCTCGTCCCTCCTATTCCACTTCCATCTCAGAAAATAACCCAG  
 AGGTGTCTCCATTTTTTCGGTAAATGCCTATGATGCTGACAGCGGTGATAATGCCGGATCACTTACTCC  
 CTGGCTGAATATACATTTCAAGAAGTGCCCGTGTCTCTACGCTCCATTAACCTGACACTGGAGTCC  
 TGTATGCACTACAGTCTTTGACTATGAGCACTGAGAGACCTGCAGCTCCTGGTACAGCTAAGGACAG  
 TGGGAACCCCTCCACTCAGTAGCAATGCCTCCCTGAGCTTGTGTTGTGCTGGACCAGAATGACAACACGCT  
 GAGATCCTGTACCCAGCTATTCTACTGATGGCTCCACGGGTGTGGAACGGCACCCGCTCTGCAGAGC  
 CTGGATACCTGGTAACCAAAGTTGTGGCAGTGGACAAAGATTCCGGACAGAACGCCTGGTTATCCTACCG  
 CCTGCTCAAGGCCAGTGAACCAGGGCTCTTCTCAATAGGGCTTACACGGGTGAGGTGTGCACAGCAAGG  
 GCTCTATTGGATAGAGACGTACCCAAGCAGAGCCTGGTAGTGGCTGTCCAGGACCATGGCCAGCCCCCTC  
 TCTCAGCCACTGTCACTCACTATCGCTGTAGGGGACAGCATCCCGGATGTACTGACTGACTTAGGCAA  
 CCACAACACACCAGCAGAGCCCCAGGATTCAGACCTCACACTCTACCTAGTGGTATCGGTGGCAGTGGTC  
 TCCTGTGTCTTTCTGGGATTTGTTACCGTGTGTTGGCCCTCAGGCTGAGGCACTGGCACATGTCACGCC  
 TGCTTACAGACTTCCACGGGCAGATTGGCCAGCATGCCCGCTCCCATTTGTGGGCATGGATGGGGTACA  
 GGCTTACCTGCAGACCTATTCCCATGAAATCTCTCTCACTACAGACTCCAAAAAAGCCACCTGATCTTC  
 CCCCAGCCCAATTATGCTGACAGACTCATTAGTGAAGAGAGCTGTGAAAAGAGTGAGCCTCTTCTGATAC  
 CTGATAATATACACAAGCAAGGAAGAGCCCGGAGCTGCTCAGCAAGCCCCGCCAACACTGACTGGCG  
 TTTCTCTCAAGCCAGAGACCCGGCAGGCGGATCCCAAAATGGGGATGAAACCGGCACCTGGCCCAAC  
 AACCAAGTTCGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCT  
 CCACTCTGGGAGGGGGCACTGGCACTATGGGTTTGGAGCGCTCGATATGGACCCAGTTTACCCTGCAGCA  
 CGTGCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACACTGACCAACGCAGCTGGCAAA  
 CGAGATGGCAAGGCTCCGGCAGGCGCAATGGCAACAAGAAGAAGTGGGCAAGAAGAGAAGAAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001037137

<b>Insert Size:</b>	2799 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_001037137.1</a></u> , <u><a href="#">NP_001032214.1</a></u>
<b>RefSeq Size:</b>	4719 bp
<b>RefSeq ORF:</b>	2799 bp
<b>Locus ID:</b>	291637
<b>Cytogenetics:</b>	18p11