

## Product datasheet for **RN205194**

### **Pcdhga11 (NM\_001037153) Rat Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                        |
| Product Name:      | Pcdhga11 (NM_001037153) Rat Untagged Clone |
| Tag:               | Tag Free                                   |
| Symbol:            | Pcdhga11                                   |
| Vector:            | pCMV6-Entry (PS100001)                     |
| E. coli Selection: | Kanamycin (25 ug/mL)                       |
| Cell Selection:    | Neomycin                                   |



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**Fully Sequenced ORF:** >RN205194 representing NM\_001037153  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGAATCAGCTTCAGCGCCTGGACCGCCGCGCTGGTCCCCTGTGCATTTTCTGGGACCTTGC  
 TGACCTTTGGGACAGGACAAATCCGATATTCGGTTCCAGAAGAGACAGATAAAGGCTTCTCGTAGGCAA  
 CATCTCCAAAGACCTGGGGCTGGAGCCCTGGGAGGTGCGGGACCGGAGTCCGCATCGTCTCCAGAGGA  
 AAATCGCAGCTTTTCTCTCTGAATCCGCGAGGCGGCAGCTTGGTACTGCGGGTAGGATCGATCGTGAAG  
 AGCTATGTGATACGGTGCCTCTGCTTCTGAATTTGGAAATTCGTTGGAGGAAACCCTGAAGATTTA  
 TGGAGTGGAGGTGGAAGTAATGGACATTAATGATAACGCCCCAGCTTCCGGGAAGAAGAGGTAGAGATC  
 AAAGTCAGCGAGCACACTAGTCTGGGTGCGATTTCCACTTCTAAGGCTAGGGATCCAGATGCAGGGA  
 TGAATCCCTCCAGAGCTACCAGCTCAGCCCAAGCAGTATTTTTCTTGCAGGTGAGAGCGGGACTGA  
 TGGGGACAAGAATCCAGAGCTAGTGTGGAGGAGAGCCTGGACCGGGAGAAAGAGGCATCCACCACCTC  
 CTCTCACAGCCTTGGATGGGGGAGATCCCATCCGCACGGGGATGGTTCCCATCCGCGTGGTGGTCTCG  
 ACGTAAATGACCACATTCAAAAATTTACACAGTCTGTGTATAGAGCGAGTGTGCCTGAAAACCTCAGCTC  
 CGGAACGCGGGTCTCGTGGTAAATGCCACAGACCCAGATGAGGGTATCAACGGGGAAAGTGTACTACT  
 TTCCGGAAAAATGAAAAGCAAAGCTTCTGAAATATTTCAACTGAATTTCAAACCTGGAGAAGTTCTAGTCG  
 GAAAGCCGCTGGATTTTAAAAATATAGATTCTATGAGATGGAATTTCAAGGCCAAGATGGTGGGGGGTT  
 GTTGAGCACCACCATGTTGCTGATCACGGTTGAAGATGTGAATGACAACGTTCCAGAGATAACTGTCACC  
 TCTTCCATCAACTCAGTCCGGAAAAATTCCTTCGGGTACAGTAATTGCTCTTAAACGTTCCAGATC  
 AAGATTTGGAGAAAATGGTCAGTCTCTTGTCTCATTCTCATTCTTCTCTTTAAAGTAGAAAAAC  
 CTATGGAATTTATAAATTGGTAACCGATAGTGAACCTGGACCGGGAGCAGGTAGAGAGCTACAATATT  
 ACACTGATCGCCAAAGATCAGGGAAGTCCACCCTTGTCTACAGCAACTCACCTCTGCTCAAAGTGGCAG  
 ATGCCAATGACAATCCTCCAGTTTTCACTCACTCGTCTTACTCGGCTACATTCTGAAAACAACCTTAG  
 AGGTTCTCCATCTTCTCAGTGACCGCCATTGATAGGGACAGCAGAGAAAATGCCAGGTACGTAATCT  
 CTGGCTGAGTACAGTATCCAGGGATCACCTCTGCTCTTACGTTTCTATCAACTCAGACACCGGTGTGC  
 TGTATGCCTTGAATCCTTCGACTATGAGCAGTCCAGACCTACAACCTGGGAGTGACCGCTAGTGACAG  
 TGGGAACCCACCATTAAGCAGCAATATTTCACTGACCCTTTTCGTGCTGGACCAGAAATGACAACACTCCA  
 GAGATCCTATACCCCTCTCTCCCTACTGATGGCTCCACTGGTGTGGAATGGCGCCTCGCTCCGAGAGC  
 CAGGTTATTTAGTGACCAAGGTGGTGGCTGTAGACAGAGACTCCGGGCAGAACGCTTGGCTGTCTACCG  
 CCTGCTCAAAGCCAGCGAGCCAGGCCTTCTCCTGGGGCTGCACACGGGGGAGGTGCGCACGGCCCGA  
 GCCATGATGGATAAAGATGCTCTCAAGCAGAGCCTCGTTGTAACCTGTGCAGGATCACGGCCAGCCTCCTC  
 TCTCCGCACTGTGAGGCTCACCGTGGCGGTGGCTGACAGCATTCCAGAGGTTCTGGAGGACTTGGTTAG  
 TCTAGAGTCTCCTGCAACCGGGATGAGTCGAGTCTCACCTCTACCTAGTGGTGGCCATCACTGCAGTC  
 TCCTGCATCTTCTCATCTTTGTCATGGTACTGCTGGCTCTCAGGCTTCGGCGTGGCACTCATCACGTC  
 TGCTCCAGGCTGCCAGCGGATGGCTGGCGTGCCTCCTTCGACTTTGTGGGTGTGGACGGGATGCATGC  
 TTTCTCCAGACCTATTCACCAAGTTTCGCTCACTGCAGACTCAAGGAAGAGTCACTGATCTTCCCG  
 CAGCCAACTATGCAGACACGCTCATCAGCCAGGAGAGCTGTGGGAAAAGCGAGCCTCTACTAATACCTG  
 AAGACTCAGTACAGTTTTAGGCAAATGTGAGCCAACCGATATTCAGCAAGCCCCGCCAACACTGACTG  
 GCGTTTCTCTCAAGCCCAGAGACCCGCGCAGCGGATCCAAAAATGGGGATGAAACCGGCACCTGGCCC  
 AACAAACAGTTCGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGA  
 GCTCCACTCTGGGAGGGGGCACTGGCACTATGGGTTTGGAGCGCTCGATATGGACCCAGTTTACCCTGCA  
 GCACGTGCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACACTGACCAACGCAGCTGGC  
 AAACGAGATGGCAAGGCTCCGGCAGCGGCAATGGCAACAAGAAGAGTGGGCAAGAAAGAGAAGAAGT  
 AA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

|                               |   |
|-------------------------------|---|
| <b>ACCN:</b>                  | NM_001037153  |
| <b>Insert Size:</b>           | 2802 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_001037153.1</a></u> , <u><a href="#">NP_001032230.1</a></u>   |
| <b>RefSeq Size:</b>           | 4688 bp   |
| <b>RefSeq ORF:</b>            | 2802 bp   |
| <b>Locus ID:</b>              | 252897  |
| <b>Cytogenetics:</b>          | 18p11   |
| <b>Gene Summary:</b>          | may play a role in cell-cell adhesion during spermatogenesis [RGD, Feb 2006]  |