

## Product datasheet for **RN211989**

### **Pcdhga8 (NM\_001037156) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhga8 (NM_001037156) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga8
Synonyms:	PCDHGB5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:**

>RN211989 representing NM\_001037156

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTGCTTCCCAGAATCAACACCGTCATGGCCGGCTGGTGTCTGTACGCTGATGGGACGCTGT  
GCAAGATCGGGGTAGGTCAGATTCGCTACTCGGTGCCAGAAGAGACAGATAAAGGCACTGTTGTAGGAAA  
CATCTCCAAGGACCTGGGGCTGGAGCCCGCGAGCTGGCGGAGCGAGGGTCCGCATCGTCTCTAGAGGT  
AGGTGCGCAGCTTTTCTCCCTGAATCCGCGGGGCGGCAGCTTGGTCACCGCGAGCAGGATAGACGGGAGG  
AGCTGTGCGCCCAGAGTATTCCTGTCTTGTAAATATTAACATCCTAGTTGAGGAGAAAGGGAACTCTT  
TGGAGTAGAAATCGAAATAACTGATATTAACGATAATAATCCGAAGTCCATGTTGGGGTCTGGAGGTG  
AAAATTAACGAAATCGCTGCCCTGGAGCAGGTATCCACTTCCAAAAGCTGTTGACCCAGATGTGGGCA  
TAAACTCCCTCCAGAGTTACCAGCTCAGCCCAACCGGCCTTCTCTGGACATTCAGAGGGGAGACGA  
CGGAACTATAAACCCAGAGCTGGTGTGGAGCACACCCTGGACCGAGAGGAAGAGCCCTCTACCACCTG  
GTCTCACCGCCTCCGATGGCGGCGACCCGCGCCGCTCCAGCACAGCGCTCATCCAGGTCACAGTGTGG  
ATACCAACGACAATGCCCTGTTTTCGACCAACCGGTTTACCGCGTAAAAGTCCCTCGAGAACGTGGCCCC  
AGGCACCTGTGCTCACAGTGAGAGCTAGCGACCCGGATGAGGGTGCCAACGGAAAAGTGACATATAAA  
TTCCAAAAATCAATGACAAACAATCGCTATTATTCATCTTCATGAAAACACGGGGGAAATGACAGTAG  
CAAAGAATCTGGACTATGAAGAATGTCTATTGTATGAAATGAAAATACAGGCTGAAGATGTGGGGCGCT  
TCTGGGGAGGAGCAAAGTGGTAATTATGGTAGAAGATGTAATGACAATCGGCCAGAAGTGACCATTACA  
TCCTTGTTTAACCCGGTATTGAAAAATCTCTCCCGGACAGTAATTGCCTTCTTGAATGTGCATGACC  
GAGACTGTGAAAAGAACGGCCAAGTTGTCTGTTACAGCATGATAACTTACCTTTTAAATAGAAAAGT  
AATAGATAATTATTATAGATTGGTGACATGGAATAATTTGGACCGAGAAAAGTCTCCATCTACAATATC  
ACAGTGATAGCCTCAGATCTAGGAGCCCACTCTGTCCACTGAAACTTACATTGCCCTGATTGTGGCAG  
ACACTAATGACAACCCTCCTCGTTTTCTCACACCTCCTACACAGCCTATATTCCAGAGAACAACCTGAG  
GGGCGCCTCCATCTTCTCACTGACTGCACATGATCCTGACAGTCAGGAAAATGCACAGGTCACCTACTCT  
GTGTCTGAGGACACCATAACAGGGAGTGCCTTGTCTCTTATATCTCCATCAACTCAGATACTGGTGTCC  
TGTATGCACTGCACTCTTTGACTTCGAGAAGATAAAGACTTGCAGCTACTGGTGTGGCCACTGACAG  
TGGAAGCCCACTCTCAGCAGCAATGTGTCATTGAGCTTGTGGTGGTGGACCAGAACGACAACGCACCT  
GAGATTCTATATCTAGCTTCCCAACAGATGGCTCCACTGGTGTGGAAGTACACCCCGCTGACAGAGC  
CTGGATACCTAGTGACCAAAGTGGTGGCAGTGGACAAAGACTCAGGACAGAATGCTTGGCTGTCCACCG  
TCTGTGAAGGCCAGCGAACCTGGGCTCTCTCTGTAGGACTTACACCGGTGAGGTGCGTACAGCGAGG  
GCCCTGTGGACAGAGATGCTCTCAAACAGAATCTGGTGTGGCCGTGCAGGACCATGGCCAACCCCTC  
TCTCGGCCACTGTAACCTCACTGTGGCAGTGGCTAACAGCATCCCTGAGGTGTTGGCTGACTTGAGCAG  
CATTAGGACCCCTGGGGTACCAGAGGATTCTGATATCACGCTCCACTGGTGGTGGCAGTGGCTGTGGTC  
TCCTGTGTCTTCTTGTCTTGTCTTGTCTTGTCTTGTCTTGTCTTGTCTTGTCTTGTCTTGTCTTGTCT  
AGCTCCAGGGCTCAAAGGTGGATTGGCTCCTGCACCTCCATCACATTTGTGGGCATCGACGGGTACA  
GGCTTTTCTACAAACCTATTCTCATGAAGTCTCGCTCACTTCAAGCTCCAGCTCCAGACAAGCCACATTATCTTT  
CCTCAGCCCAACTATGCAGACATGCTCATTAAACCAAGAAGGCTGTGAGAAAAATGATTCTTATTAACAT  
CCATAGATTTTTCATGAGAGTAAGGATGAAGATGCTTGGCCCCGCAAGCCCCGCCAACACTGACTGGCG  
TTTCTCTCAAGCCAGAGACCCGGCAGAGCGGATCCCAAAATGGGGATGAAACCGGCACCTGGCCCAAC  
AACCAGTTCGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCT  
CCACTCTGGGAGGGGGCACTGGCACTATGGGTTTGGAGCGCTCGATATGGACCCAGTTTACCCTGCAGCA  
CGTGCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACACTGACCAACGCAGCTGGCAA  
CGAGATGGCAAGGCTCCGGCAGGCGCAATGGCAACAAGAAGAAGTGGGCAAGAAGAGAAGAAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

<b>ACCN:</b>	NM_001037156
<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_001037156.1</a></u> , <u><a href="#">NP_001032233.1</a></u>
<b>RefSeq Size:</b>	4689 bp
<b>RefSeq ORF:</b>	2799 bp
<b>Locus ID:</b>	364843
<b>Cytogenetics:</b>	18p11