

## Product datasheet for **MC222698**

### **Pcdhga1 (NM\_033584) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhga1 (NM_033584) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222698 representing NM\_033584  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGATTCCAGAGAAGTTAACCGGCTGGAGCCTGCTGGTGTCTTTCTCTGGAGCTACTGC  
 TGGAAAGCTGGGGCTGGAAACATCCGATACTCTGTGCCAGAAGAAACCGACAAAGGCTCCTTCGTGGGCAG  
 CATCGCCAAGGACCTGGGACTGGAAACCGGGAGCTGATGGAGCGCGGGATCCGCATCGTTTCCAGAGGT  
 AGGTGCGCAGCTTTTCTCCCTGAACCCGCGAAGCGGCAGCTTGGTCACCGCAGGCAGGATAGACCGGGAAG  
 AGCTGTGCGCTCAGAGCACGCCATGTGTCGTCAGCTTTAACATCCTTATGGAGGATGAAATGAAGCTTCT  
 CCCTATCGAAGTAGAGATAATTGATTAATGACAACACTCCCAATTCAGTTAGAAGAGCTAGAATTA  
 AAAATGAGTGAATAACGACTCCAGGTACCAGGATCCCTCTGCCTCTCGGCAAGACCTTGATGTGGGA  
 TAAACTCACTTCAGAGCTACCAGCTAAGCGCAACCCCTCACTTCTCCCTGGATGTGCAACAGGGACCTGA  
 AGGACCACAACAGCCAGAGATGGTACTGCAGAGACCTCTAGACAGAGAAAAGATGCTGTCCACTACCTT  
 GTCTCACTGCCTCGGATGGCGGCAGCCCAATACATTCAGGGACTCTGCAAATTCATGTGCAGGTGGTAG  
 ATGTGAACGACAACCCACCAGCATTACTAAGGCAGAGTATCACGTGAGCGTCCCTGAGAATGTCCTTT  
 AGGCACCTCGGCTACTCAAAGTGAATGCAACTGACCCGGATGAGGGAGCTAATGGCAGAGTAACTACTCC  
 TTTCAAGGTAGACCACAGTGTGGTCCGGAATTTCAAGTTGGATGCTTACACGGGAGAACTATCAAATA  
 AAGAACCCTAGATTTTGAAGAATACAAAGTTTATCCAATGGAATTCAGCTCAGGATGGTGTGGACT  
 CATGGCCAGAGCTAAGGTGCTGGTCACTGTTTTGGATGTTAATGATAATGCCCGGAAGTTGGAATCAGC  
 TCTGTCACTAACACAGTACCAGAAAACCTTCTCCTGGGACCACAATTGCTCTTATCAGTGTGCATGATC  
 AAGACGCTGATAACAACGGTCACATCACATGTTCCATCCCTGGCAACCTACCTTTAAACTGGAAAAGCT  
 AGTCGACAATTATTACCGCTTAGTAACAGAAAAGAACACTGGACAGAGAACAAGTTCTAGGCACAACATC  
 ACAATAACAGCAACAGATCAGGGAACCTCCGCCCTATCTACCAAGCTCACATCTCACTGCTAGTGACAG  
 ATATCAATGACAACCCCTCAGTTTTTGAACAGGACTCCTATTCTGTCTACATTCTGAAAACAACCCAG  
 AGGGGCTTCCATCTTCTCAGTAAAGGCCAGGATGCTGACCACAATGAGAATGCACTAGTGACTTACGCC  
 CTGGTGGAAAGACTATTACAGGGAGTACCTTTGTCTTCTACTTCTCCATCAATTCTGACTGGAGTTG  
 TCTATGCATTGCAATCCTTTGACTATGAGCAGTTTCGAGATTTGCAGCTAAGAGTGTGGCCATGATAG  
 TGGGAACCCACAACCTCAGCAGCAATGTATCTCTGAGTCTGTTTATGATAGATCAGAAATGCAATGCCCA  
 GAGATCCTGTACCCTGTCTCCCTACTGATGGCTCCACTGGTGTGGAGCTAGCACCTCGATCTGCTGAGC  
 CCGGTTACCTAGTGACCAAAGTGGTAGCAGTGGACAAAGACTCAGGACAAAACCTTTGGCTGTCTACCG  
 TCTGCTCAAGGCCAGTGAACCAGGGCTCTTCTCGGTAGGACTACACACTGGTGGGTACGCACTGCTCGG  
 GCCCTGTGGAGAGAGATGCTCTCAAGCAGAGCCTGGTGGTGGCTGTGCAGGACCACGGCCAGCCTCCTC  
 TGTCCACCACAGTCACATTTACCATAGCAGTAGCTGACAGCATCCCTGACCTCCTGGCTGACCTGGGCAG  
 CATGGGGACCCCTGCCGATCCCCAGGATTCAGACCTGACACTCTACCTGGTGGTGGCAGTGGCTGTAGTC  
 TCCTGCATCTTCTAGCCTTTGTAATAGTGCTCTTGGTGTCAAGCTGCGACATTGGTACTCCTCACGCT  
 TGCTCCAGACTGAAGCAAATGGACTGACTGGCTGCCTGCCTCCAATTTGTAGGTGTTGATGGGGTGCA  
 TGCATTTCTACAGACCTATTCCCGTGAGATCTCACTCACTGCTGACTCTCGAAAGAGCCACTTGATCTTC  
 CCGCAACCCAACATGCAGACACACTCATCAGCCACGAGAGCTGTGAGAAAACAGGAATTTTGTACAGCAC  
 CCCAGTCTCTGCTTGAAGATAAAGAGGAAATATTTTCTCAGCAAGCCCGCCCAACTGACTGGCGTTT  
 CTCTCAAGCCCAGAGACCCGGCACGAGCGGATCCCAAAATGGTGTGAAACTGGCACCTGGCCCAACAAC  
 CAGTTTGTATACAGAGATGCTGCAAGCCATGATCTTGGCTCTGCCAGCGAAGCTGCTGATGGGAGCTCTA  
 CCCTGGGAGGGGGCGCTGGCACCATGGGTCTGAGCGCTCGATACGGACCCAGTTTACCCTGCAGCACGT  
 GCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACGCTGACCAATGCCGCTGGCAAACGA  
 GATGGCAAGGCTCCAGCAGGTGGTAATGGCAACAAGAAGAAATCGGGCAAGAAAGAGAAGAAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_033584

<b>Insert Size:</b>	2796 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_033584.1</a></u> , <u><a href="#">NP_291062.1</a></u>
<b>RefSeq Size:</b>	4537 bp
<b>RefSeq ORF:</b>	2796 bp
<b>Locus ID:</b>	93709
<b>Cytogenetics:</b>	18 B3