

## Product datasheet for **MC222743**

### **Pcdhgc4 (NM\_033582) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhgc4 (NM_033582) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgc4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222743 representing NM\_033582  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAGCAATGCCAGCACGGTGAGAAGCTGGGTAGAAATTTGGTGGGGGGCTACCCTTTTGTCTCT  
 TTTGCCACCTGGGCTACGTTTATGGGCAGATTCGCTACCCGGTCCCAGAGGAGTACAGGAAGGGACTTT  
 TGTAGGGAATGTCGCCCAAGATTTTTGCTGGATACAGAGAGTCTATCCGCTCGCAGGCTGCAGGTGCT  
 GGAGAGGTGAACCAAAGACACTTCCGTGTGGATTTGGACAGCGGAGCCCTGCTCATCAAAAATCCAATCG  
 ATCGAGAGGCACTGTGTGGGCTCAGTCCAGCTGCATCGTGCCCTGGAGTTTGAACCGAAGGGCCTTT  
 GGAAATGTACCGAGCGGAGGTTGAGATCGTAGATGTGAATGATCACGCCCCCGATTTCCGCGGCAGCAG  
 TTGGACTTGAAATCGGGGAAGCAGCTCCGCCAGGACAGCGTTTCCCCTGGAAAAGGCTCAGGATGCAG  
 ATGTTGGGAGCAATCCATTAGCAGCTACAGACTAAGCTCCAATGAGCACTTTGCCCTGGATGTCAAGAA  
 GCGCAGCGACGCGAGCCTGGTCCAGAGCTTCTTCTGGAGAAGCCCTGGATCGTGAGAAGCAATCCGAC  
 TACCGCTGGTGTGACTGCTGTAGATGGAGGGAACCCCTAGATCTGGAACCGCAGAGCTCCGGGTGT  
 CAGTGTGGATGTGAATGACAACGCCAGCCTTCCAGCAATCCAGTTACAGGATCAGCGTGTGGAGAG  
 CGCGCCAGCGGCATGGTGTCTATCCAGCTCAATGCCTCTGACCCAGACCTGGGACCTAGTGGTAACGTC  
 ACCTTTTCTTTAGTGGTACACCCCTGACCGTGTGAGAAACCTTTAGCCTTCATCCCACTACTGGAA  
 AGCTTACCCTTCAGGGCCCTCTAGACTTTGAGAGTGAGAATTATTACGAATTTGATGTAAGGGCTCGTGA  
 TGGGGTTCTCCAGCTATGGAGCAACTGCAGCCTTAGGGTGGATCTTCTAGATGTGAACGACAACGCC  
 CCCCATACAGTGACCTCTGAGCTTGAACCTACCAGAGAGTGCAGAACCTGGCAGTGTGGTAGCAC  
 TAATCAGTGTGCAGGACCTGACTCGGGTCAAATGGGGATGTGAGCCTACGGATTCCCAGCCACTTACC  
 ATTTGCCCTCAAGTCTGCCTTACAGAACCAAGTTCTCCCTCGTGACAGCAGGACCCCTGGACCGAGAGGCC  
 AGATCCAGTTACGACATCATGGTTACCGCTTCTGATGCTGGGAACCCCTCCGCTGAGCACCCACAGGACGA  
 TTTTCTCAATATCTCAGATGTGAATGATAACCCACCCTCATTCTTTCAGAGGTCGATGAGGTGTTGT  
 TCCTGAGAAACATCGCCAGGGGACCTGCTTGTCCCTTGCAGCCTCTGACCCAGACTCTGGCTAAAC  
 GCGTTAATCTCACTCTCTCTTAGAGCCAGAAACCGAGACGTATCGGCTTCTCCTTCATCTCTCTGA  
 ACCCCAGACAGGGGCCGTTTCATGCTACTAGATCATTGACTATGAACAAACACAGACTGCAGTTTGA  
 GGTGCAGGCCAGGACAGGGGACGCCACCTCTCAGCAGCACTGTGACAGTGCAGCTGTTTGTCTAGAC  
 CTCAATGACAATGCCCCAGCAGTGTACGCCAGGGCCAGGCCTGGTTCCTTATGTCCCAGGCGTTGC  
 CTCCATCAGTTGGCGCTGGTCACTCGTCAAAAGGTGACGGCTGTGGACTTAGATTAGGTTACAAATGC  
 TTGGGTTTCTATCAGCTCCTGGAGGCCCCAGATCCCAGCCTGTTTGCAGTCTCCGTTATGCAGGGGAA  
 GTACGGACTGCTTCCCATCCCAGTACCTCCCACCGCAGAAGCTGGTTCATAGTGGTGAAGGACAGTG  
 GTAGCCACCACCTCTCTACCTCTGTGACTCTCCTAGTGTCTTAGAGGAAGACACTCATCCAGTTGTCC  
 CGATCTTCGAGAATCTCAGCTCCCAGGGAAGGAGAATCCCGCCTAACCTCTACTTGGCTGTGCTCTTA  
 GTGGGATCTGCTTTGTCTCCTTTGGTCTTTTGTGGCACTGCTCTAAGTGTCTTCGTTGGGCTGCT  
 GTGGAGTAACGTGCTTCTGCTGGCACCTGCGCCTGTCTCACCAGATCTCGGAGGAGGGAGGGCTTCC  
 TCCTTCCAATGGGATCCTCCGAATCCAGTAGGGTCCAGAAAGTCTATCAAGTTTGTGACGTGGGAGGC  
 CACTCTATGGCTGTACACCATTGGCTTCTGCGCTACTCGGAGTGATAGCTTCATGATGGTGAAGTAC  
 CAGTGACCTATGGCTGGGAGCCCGTGGCCAAAGCTGTCCACCCTCTGATCTTCTCTATGGGCTAGA  
 GCAAGCCCCGCCAACACTGACTGGCGTTTCTCTCAAGCCAGAGACCCGGCACGAGCGGATCCCAAAAT  
 GGTGATGAAACTGGCACCTGGCCCAACAACAGTTTGTATACAGAGATGCTGCAAGCCATGATCTTGGCT  
 CTGCCAGCAAGCTGCTGATGGGAGCTTACCCTGGGAGGGGCGCTGGCACCATGGGTCTGAGCGCTCG  
 ATACGGACCCAGTTTACCCTGCAGCAGTGCCTGACTACCGCAGAACGTGTACATCCCTGGCAGCAAT  
 GCCACGCTGACCAATGCCGCTGGCAAACGAGATGGCAAGGCTCCAGCAGGTGGTAAATGGCAACAAGAAGA  
 AATCGGGCAAGAAAGAGAAGAAGTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

ACCN:	NM_033582
Insert Size:	2826 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<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>
RefSeq:	<a href="#">NM_033582.2</a> , <a href="#">NP_291060.1</a>
RefSeq Size:	5047 bp
RefSeq ORF:	2826 bp
Locus ID:	93707
Cytogenetics:	18 B3