

Product datasheet for **MC222744**

Pcdhgc5 (NM_033583) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhgc5 (NM_033583) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgc5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222744 representing NM_033583
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGCCTATGGCATCACACAGTGCCTGGGAAATGGCAAGTCTGTGTATGTTGTCCTTGTGCTGCT
 GTGGCTGGGTGTCTGGGCAGCTTCGGTATTCAGTGGTGGAGGAGTCTGAGCCGGGACTTTGGTGGGGAA
 CGTTGCTCAAGATCTGGGCTTAAAGGGGACAGATCTATTGAGCCGAGGCTGAGATTGGGCTCTGAGGAG
 AATGGGCGCTATTTTTCCCTGAGTTTGGTGGAGCGGAGCTTTGGCAGTGGTACAGAAAATTGACCGAGAGA
 GCCTGTGCGGAGCCAGCACTAGCTGCCTGCTGCCTGTACAGGTGGTAACTGAACACCCACTGGAGCTCAC
 CCGGTTAGAGGTAGAGATCCTGGACCTCAATGACAACCTCTCCAGCTTTGCCACTCTGATCGAGAGATG
 CGCATCTCGGAATCAGCTGCACCTGGAGCCAGGTTCCCACTGGATAGTGCCAAGACCCAGATGTGGGCA
 CCAATACTGTGAGCTTTTATACTCTCAGCCCCAACAGCCACTTCTCTGATGTGAAGACCCTAAAAGA
 TGGAAAGCTCTTCCAGAGCTAGTGTAGAGCAACAGCTAGACCGTGGAGCCAGCAAGACATCAGCTA
 GTACTCACTGCCGTGGATGGGGGAACCCAGCCGCTCAGGGACCAAGCCTTATCTCGGTCAATGTGCTGG
 ACGTCAATGATAATGCCCAACCTTCCAGTCTCGGTTCTACGTGTGGGACTCCCAGAGAACACACCCCC
 GGGTACACTGCTGCTCCGTCTCAATGCCACTGATCCAGACGAGGGCACCAATGGCCAACCTAGACTACTCT
 TTTGGAGACCACATCTGAAACAGTGAAGAATCTCTTTGGCCTGGATCCTAGCAGTGGAGCAATCCATG
 TGTTGGGTCCAGTAGATTTTGGAGAAATCAAATTTCTATGAAATTCATGCAAGAGCTCGAGACCAGGGACA
 GCCAGCCATGGAGGGCCACTGTGTAATTAAGTAGATGTAGGGGATGCTAACGACAACCCCTGAAGTG
 CTGCTGGCATCTTTGGTCAACCTGTGCTAGAGAGCACACCCGTAGGCACGGTTGTGGGGTTGTTAATG
 TGCGGGACCGAGACTCAGGTAGAATGGTGGAGTGGCCTGAAGACATCTCCAAACCTGCCATTTTCAGAT
 CAAGCCTTCTGAGAACCCTACTCACTGCTACCAGCCAGCCTCTGGACCGAGAGGCCACATCCCATAT
 ACCATCGAGCTGCTGGCCAGTGTGCTGGATCACCCCCCTACATACCCATCTCACCCCTCAGGCTGAACA
 TTTGAGACGTTAATGATAACGCACCCCATTTACCCCAACAGCTCTACACTGCTTATATCCAGAAAACCG
 CCCACCAGGCTCTCTCTGTACTGTGGCTGCCTCTGATCCAGACGAGGGGGATAATGCCCGCCTCACC
 TATTCTATTGTGGGAGTCAAATCCAGGGAGCCCCAGCCTCCTCCTTTGTGTATGTCAACCCGAGGATG
 GACGAATCTTTGCCAGCGGACCTTTGACTATGAGTACTGCAGATGCTGCAAACTGGTGGGGTCCG
 TGATCCGGCTCTCCCGACTGCATGCTAACACATCTCTCCATGTGTTTGTCTCGATCAGAAATGATAAT
 GCCCAGCTGTGCTGCACCCAGCCTGGCAGGGAGTTCTCAGCCCTCAGCGTCTCCCGGATCTGCTC
 CTCTGGTTCTTTGGTACCAAGGTGACAGCCGTGGATGCTGACGCTGGTCAAAATGCATGGCTCTCTTA
 CTCTCTTACCACAGTCCACAGCCCCGGACTGTTCTTGTATCTGCACACACTGGTGGAGTGGCACA
 GCCCGGGCCTTATTGGAGGATGACTCTGATACCCAACAGGTGGTGGTCTGGTGAGGGATAATGGTGACC
 CTTCACTATCCTCCACAGCAACAGTACTGCTGGTCTGGAGGACGAGGATGCAGAGGAAATGCCAAATC
 CAGTGACTTCTCACACACCTCCTGAGCGGTGAGACCTCACCTTTACCTTATTGTGGCACTAGCAGCT
 GTCAGTCTTTACCTTAGTTACCTTCACTTTCATGTGAGTAAAGTGTCTGCGGAGGCATGAAGATGGGG
 ACCGGGGTGGGGCCACTGCTGCAGGGGCCAGGACTCACCTCCAGGGAGTTCTATAAGCAGTCCAGCCC
 CAACCTCAGGTGAGCTCAGATGGCACACTAAAGTACATGGAGGTGACCCTGCGGCCACGGACTCTCAG
 AGCATTGCTACAGGACCTGCTTTCTCCGGCCTCGGATGGCAGTGAATCACTTTCTCAGGCCCTCA
 GCGTTCAGCAGCCCTCAGCCTTGGCGCTGGAACCCGAGGCCTTGCCTTCCGCTCTAGTACGCTGCGGGA
 GCGGAGCCAGCAAGCCCCGCCAACACTGACTGGCGTTTCTCTCAAGCCAGAGACCCGGCACGAGCGGA
 TCCCAAAATGGTGTGAAACTGGCACCTGGCCAAACAGTTTGTATACAGAGATGCTGCAAGCCATGA
 TCTTGGCCTCTGCCAGCGAAGCTGCTGATGGGAGCTCTACCCTGGGAGGGGGCGCTGGCACCATGGGCT
 GAGCGCTCGATACGGACCCAGTTTACCCTGCAGCAGTGCCTGACTACCGCCAGAACGTGTACATCCCT
 GGCAGCAATGCCAGCTGACCAATGCCGCTGGCAAACAGATGGCAAGGCTCCAGCAGGTGTAATGGCA
 ACAAGAAGAAATCGGGCAAGAAAGAGAAGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_033583
Insert Size:	2835 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"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_033583.3</u> , <u>NP_291061.1</u>
RefSeq Size:	4708 bp
RefSeq ORF:	2835 bp
Locus ID:	93708
Cytogenetics:	18 B3