

Product datasheet for **MC222676**

Pcdhga9 (NM_033592) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Pcdhga9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC222676 representing NM_033592
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGCTGCCCCGCCAGACGCCCGCACTGCAGAGAACTGGTCGTCTTGTGTGCACTGCTAGGGATGC
 TGTGGGAGGCCAGGGCCGGGCAAATCCGCTATTCGTGCCAGAAAGACAGAAAAGGGCTATATAGTGGG
 AAACATCTCTAAGGACCTGGGACTGGAGCCCCGTGAGCTGGCAGAGCGCGGAGTCCGCATCATCTCCAAA
 GGTAAGACCCAGCTTTTCTCTGAGTCCGCGGAGCGGAGCTTGGTCAACGCGAGGAGGATAGACCGGG
 AGGAGCTGTGCGCTCAGAGCGCGACTTGTCTCTAACTTTAAAGTCTAGTTGAGGACAGAGTGAACCT
 TTATGGGGTGGAAAGTAGAAGTGGTTGATATCAATGACAATGCGCCAAAATTTGAGGCCGAAAATTTGTTT
 GTAAAAATCAGTGAAATCGCTGCCCCGGAGCAAGGTATCCACTCCAGAAAGCGGTTGACCCAGATGTGG
 GCATAAACTCCCTCCAGAGTTACAGCTCAGCCCAATCGCCACTTCTCTCCACCTGCAAACTGGAGA
 CGACGGAATATAAACCCAGAGCTGGTGTGGAGCGCACCTGGACCGAGAGGAAGAACCCTCACCAC
 CTGGTCTCACCCTACGATGGCGCAACCCACGCCCTCCAGCACAGCGCTCATCCAGGTACAGTGT
 TGGATACTAACGATAATGCCCTGTTTTGACCAACCGGTTTACCGCTGAAAGTCTTGAGAATGTGGC
 CCCGGGCACCTGCTGCTCAGAGTGAAGCTAGCGACCCGGATGAGGGTGCCAAATGGGAAGGTGACATAC
 AAATTCGGGAAAATTAATGAAAAGCATTGCTGTTGTTTCTCTTATGAAAACACTGGGAAAATGACAG
 TAGCGAAAAATCTGGACTATGAAGAATGTTGTTGATGAAATGGAAATACAGGCTGAAGATGGTGGGG
 ACTGAAAGGGCGGACCAAGTGGTAGTTATGGTAGAAGATGAAATGACAATCGGCCGGAAGTGACCATT
 ACCTCTCTGTTTAGCCAGTAAGGGAAGATGCGCCCCAGGGACAGTAATCCTCCTTTTCAATGCTCATG
 ACCAAGATTCTGGGAAGAATGGGCAAGTTGTCTGTTCCATCCAGGAGAACCCTCCTTTAAATTAGAAAA
 CTCAGTAGACGATTACTATAGGTTGTTGACAGCCAGATCCTTGATCGAGAAAAGGCTTCTGAGTATAAC
 ATCAGAGTGACAGCAACAGACAGGGGAACCCATCCATGTCCACAGAAAGTTCACATCACCCTGTATGTGG
 CTGACATCAATGACAATCCTCTGCTTCTCTCAAACTCTACTCAGTCTATCTCCCCGAAAACAACCC
 CAGAGGCACCTCCATCTTCTCAGTTAGCGCCATGACCCTGACGACGAGGAGAATGCTAAGGTTACTTAC
 TCTTTGGTGAAAACACCATCCAGGGGGACCACTCTCCTCTACGTCTCCATTAATTCTGACACTGGCG
 TGCTCTATGCTCTGCAATCCTTTGACTATGAGCAGTTTCAAAACCTTCAATGCAGGTGAAGGCGAGTGA
 CAACGGGCACCCGCCACTCAGCAGCAATGTGCTCCTGTCTGTGTTCTATTGGATCAGAATGACAATGCT
 CCCAAGATCCTGTATCCCTCCCTCCGACTGACGGTCCACTGGTGTGGAAGTGGCTCCCCGCTCAGCAG
 AGGCTGGGTATCTGGTGACCAAGGTGGTGGCAGTGGACAAAGACTCTGGACAGAATGCTTGGTTGTCTTA
 CCGTCTGCTCAAAGCTAGTGAGCCAGGACTTTTACAGTGGGGCTACGCTCAGGCGAAATACGCACAGCT
 CGGGCCCTGCTAGAGAGAGATGCACTCAAGCAAGCCTCGTGGTAGCTGTGAGGACCATGGCCAGCCAC
 CTCTTTCAGCTACCATCACTCTCAGTGGCTGTGGCAGACAGCATCCCTGACATCCTAGCTGACTTGGG
 CAGTATCAACACTCCTGCAGACCCGATTCTGACATTACTCTACCTGGTGGTAGCAGTTGCTGTGGTC
 TCCTGTGCTTCTACTCTTTGTGCTAGTGTGCTGGCCCTTAGGCTACGGCGCTGGCATGCTTCGACCC
 TGCTGCAGGATGCAATGGGCGGATCCACTGGGTACCAACATCACATATTGTGGGTGTGCATGGGGTTCA
 GACTTTCCTACAACTATTCTCAAGATTTTCCCTCACACCTGACTCTGGGAAGAGCCACCTGATCTTC
 CCCCAGCCCAACTACGCAGACACACTCATCAGCCAGGAGAGCTGTGGGAAGAGTGAACCTCTGTGCAAGT
 CAGTTGAGCCCAAGTTTCTATTGATGACACTCCTTTGGTTCTCAAGCCCCGCCAACACTGACTGGCG
 TTTCTCTCAAGCCAGAGACCCGGCACGAGCGGATCCCAAAATGGTGATGAAACTGGCACCTGGCCCAAC
 AACCAGTTTGATACAGAGATGCTGCAAGCATGATCTTGGCCTCTGCCAGCGAAGCTGCTGATGGGAGCT
 CTACCTGGGAGGGGGCTGGCACCATGGGTCTGAGCGCTCGATACGGACCCAGTTTACCCTGCAGCA
 CGTGCCTGACTACCGCCAGAAGCTGTACATCCCTGGCAGCAATGCCACGCTGACCAATGCCGCTGGCAAA
 CGAGATGGCAAGGCTCCAGCAGGTGGTAATGGCAACAAGAAGAAATCGGGCAAGAAAGAGAAGAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_033592

Insert Size:

2799 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_033592.3</u> , <u>NP_291070.1</u>
RefSeq Size:	4717 bp
RefSeq ORF:	2799 bp
Locus ID:	93717
Cytogenetics:	18 B3