

Product datasheet for **MC222648**

Pcdhga3 (NM_033586) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga3 (NM_033586) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222648 representing NM_033586
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCCGCTGTTGGACAAGGAACCCGAGGAGCTTTGTTGTGCGCGCTCCTGGGAACGCTGTGCGCGGCTG
 GTTTCAGGCAGATCCGCTACTCGGTGCCGAGGAACTGGACAAAAGGCTCCTTCGTGGCAACATCTCCAA
 GGACCTAGGGCTGGAGCCCCGAGAGCTGGCGGAGCGCGGGTCCGCATCATCTCCAGAGGTAATCTCAG
 CTTTTCTCTGGACCCGGAAGCGGCAGCTTGGTCACCAGGGGAGGATAGACCGGAAGAGCTGTGTG
 CTCAGAGCGCCCTGTCTCGTCAGCTTAAACATCCTTGTGGAGGATAAGCTGAAAATATTTGAGGTAGA
 AGTTGACATTAGCGATATTAATGATAATGCTCCTAGTTTTCCAACGGAGGAATGGAAAATAAAATTTGGT
 GAACTAACAGTTCCTGGAACCCGATTCCCACTTAAACTGCATTTGACCCGGATGTGGGCATGAACGCC
 TGCAGAATAAAGCTCAATCCAATGACTATTTCTCCTTGGCTGTGAACAGCGTCATCGATGACGCCAA
 GTACCCAGAGCTAGTGTGGAGCGAGCCCTGGATCGTGAGAAAAGGCAGTCCATCAGCTTGATCTCATT
 GCCTCTGATGGCGGAGACCCTGTGCACACCAGCAAGTTGTGCATCCAGGTGATAGTCTCGGATGCAAATG
 ACAACCCACCTGTGTTTACCAAGCCAGAGTACCATGTCAGTGTGTTTGGAAAATGTGCCAGTGGGCACCCG
 GCTGATCACAGTGAACGCCACTGATCCTGATGAGGGATTCAATGCTCAAGTGTCCATATTTCTGGATAAA
 ATGCCTGGGAAAATTTGCTCAGGTTTTCCATCTCAACTCAGTGACCGGAGATATATCAATATTAATAAAGTC
 TTGATTATGAGGACGCTGTGTTCTATGAAATCAAAATGAAGCACAAGACGGACCGAGTCTTTTTTCAAG
 AGCCAAGTTCCTGTAAACGGTTCGGATGTGAATGACAACGCCCGGAAGTCTCAGTCACTTCCCTCACA
 GGCTCGGTCCCAGAGGAGGCTCCCGCTGGAAGAGAAAATCGCACTTATCAATGTACACGACCGAGATCTG
 GCCAGAACGGGCAAGTCACAGTTTTTGTCTAGGAAATCTGCCCTTACTCTAGAAAATCAATAGACCA
 ATACTACCGATTAGTGACAGCCAGATCTTTGGATCATGAGGAGGTGCCCAATATAATATCAGTCTAAGA
 GCCACGGATGGGGAAAGTCCACCATTGTCTACAGAACTCATATCACTCTGCATGTGCAGACATCAACG
 ACAACCTCCTACATTACGCACGCCTCCTATTAGCCTATATCCAGAAAACAATGCTAGGGGAGCCTC
 CATCTTCTGTGTACAGCACAGGACCCAGACACTGACAAGAATGCACAAGTCACTTACTCACTGGCTGAG
 GACACACTTACGGGGCTGCCACTGTCATCTACATCTCCATCAACTCCAACACTGGTGTCTGTATGCTC
 TTTGCTCCTTTGACTATGAGCAGTTTAGAGACCTGCAATTACAAATAACAGCTAGAGACAGTGGGACCC
 TCCACTGAGCAGCAACACAACACTGAACCTATTTGTGCTGGACCAGAATGACAACACACCTGAGATCCTG
 TATCCGACCTCCAGTAGACGGTTCACAGGGTTGAGTTGGCACCCCGCTCTGCAGATCTGGATACC
 TGGTGACCAAAGTGGTGGCAGTAGACAAAGACTCAGGACAGAACGCCTGGCTGTCTACCGCTGTCAA
 GGCCAGTGAGCCAGGGCTCTTCTCAGTAGGGCTGCACACAGGAGAGGTACGCACTGCTCGGGCCCTGCTG
 GACAGAGATGCTCTAAGCAGAGCCTGGTGGTGGCCGTGCAGGACCACGGCCAGCCTCCTCTCCGCCA
 CTGTACAGCTCACCATAGCAGTGGCTGACAGCATTCTGACATCCTGGGGACCTGGAAAGCATCCATAC
 CCCTGCTAACCCCAAAATTCAGACCTGACACTTACCTGGTGGTGGCAGTGGCTGTGGTCTCCTGCATC
 TTCCTGGCCTTTGTCATTGTGCTGCTGGCCCTTAGGCTTCGACGTTGGTACTCATACGCCTACAGGCTT
 CAGGAAATGGATTGGCTGGCATAACAGCCTCTCACTTTGTGGTCTAGATGGGGTGAAGCTTTCTGCA
 GACCTACTCCAGGAAGTTTCACTTACCGCAGGCTCTCGGAAGAGTCACTGATCTTCCACAACCCAAAC
 TACGCAGACAGCTCATCAGCCAGGAGAGCTGTGGGAAAAGCGAGCCTTTATAATACCTCAAGATTTAC
 TTGAAACGAAAGAAGACCCACGCTGCCTCAGCAAGCCCCGCCAACACTGACTGGCTTTCTCTCAAGC
 CCAGAGACCCGGCAGAGCGGATCCAAAATGGTGTGAAACTGGCACCTGGCCAAACAACAGTTTGTGAT
 ACAGAGATGCTGCAAGCCATGATCTTGGCTCTGCCAGCGAAGCTGTGATGGGAGCTTACCCTGGGAG
 GGGGCGCTGGCACCATGGGTCTGAGCGCTCGATACGGACCCAGTTTACCCTGCAGCAGTGCCTGACTA
 CCGCCAGAACGTGATACCTGGCAGCAATGCCACGCTGACCAATGCCGCTGGCAAACGAGATGGCAAG
 GCTCCAGCAGGTGTAATGGCAACAAGAAGAAATCGGGCAAGAAAGAGAAGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_033586
Insert Size:	2787 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_033586.2</u> , <u>NP_291064.1</u>
RefSeq Size:	4763 bp
RefSeq ORF:	2787 bp
Locus ID:	93711
Cytogenetics:	18 B3