

Product datasheet for **MC222963**

Pcdha9 (NM_138661) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha9 (NM_138661) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222963 representing NM_138661
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGATTAGAAATCGACCAGAAGATATTAGAACTTGTGTGCATCTCAGATGGCACATTCATGGACTTT
 TAAGACAAGAGAATGCTTCAGTGGTGATCTCCAAATGTCTGAGGCATGGAGCTTGCGCCCTGCTACTTTG
 GCTTCTGCTCCTTGCAACATGGGATGTAGGGAGCGGCCAGCTTCACTACTCTGTCCCAGAGGAGGCCAAA
 CACGGCACCTTCGTGGGCCGATCGCGCAGGACTTGGGGCTGGAGCTGGCTGAACTGGTCCCGCCTGT
 TCAGGGTGGTGTCCAAGGACCGCGGGACCTTCTGGAGGTAATCTTCAGAAATGGCATTGTTTGTGAA
 TTCTCGGATCGACCGGGAGGAGCTGTCCGGCAGAACCGGAGGTAGCATCCACCTGGAGGTGATCGTG
 GACAGGCCGCTGCAGGTTTTCCACGTGGAGGTGGAGGTGAGGGACATTAATGACAACCTCCGATATTCT
 CCGTAGCGGAACAAAAGATCTTGGTAGTGAATCTAGACTGCTTGATTCTCGATTCCACTAGAAGGCC
 CTCTGATGCAGATGTTGGAGAGAACTCTATGCTTACTTACAACTCAGTTCAAAATGAGTTTTTATCCTT
 GATATTGTAACAAAAGAGGCAAAGGCAAATTTCCAGTCTTGTCTTCGAAAATGATAGATCGAGAAG
 AAAATCCTCAGCTAAAGTTGCTACTGACAGCAACCGATGGAGGCAAACCTGAATTTACGGGATCGGTTTC
 TCTGTTGATCCAGGTGTTGGATGTTAATGACAATGCTCCTGTGTTGACAGATCTGTTTACGAAGTTAAG
 ATGATGAGAATCAAGAGAATAAAACCTTAGTAATATGGCTGAATGCTACTGACTCAGATGAAGGAATAA
 ACAAGAAGTGGAGTATTCATTTAGCTCTTTAGCCTCATCGATTATAAGACAGAAATTTCTAATAAACGA
 AAAGACTGGAGAGATAAAAATAAACGGCGCTATTGACTTTGAGGAGAGTAACAATTATGAAATTCACGTG
 GATGCTACAGATAAAGGATACCCACCTATGGTTGCTACTGACCGTACTCGTGGAAATCTTGGATGAAA
 ATGATAACGACCGGAGATAGTCTTACTTCTTTGTCTTTGCCGGTAAAGAAGATGCTCCTTTGGGCTC
 TGTAATCGCCCTGATCAGCGTGTGACAGCAAAAGACTCTGGTGTCAATGGACAGGTGACCTGCTCCTTGACT
 AACCATGTCCCTTCAAGTTGGTGTCCACCTTCAAGAATTACTATTCCCTCGTGTGACAGCGCCCTGG
 ACCGAGAGACCACAGCTGACTATAAGGTGGTGGTACAGCCCGCAGCGGGGCTCGCCCTCTCTGTGGC
 CACGGCCAGCGTGTCCGTGGAGGTGGTACGTGAACGACAATGCTCCTGCATTCGCACATCCCGAATAC
 ACGGTGTTGTTGAAGGAGAACAACCCGCTGGAGTGCACATCTCACAGTATTGGCGGTGGATGCTGACG
 CACAGGAGAACCGCTGGTGTCTACTCGTGGTGGAGCGGAGGGTGGCGAGCGCTTGTGTGAGCTA
 TGTGTCTGTGCACGGAGAGCGCAAGGTGTTCCGCTGCAGCCTCTGGACATGAGGAGCTGGAGCTG
 CTGAGTTCAGGTGAGCGCGGGATGCTGGTGTGCCGCCCTGGCAGCAATGTGACTCTGCAGGTGT
 TTGTGACAGGATGAGAATGACAATCCGCCACGCTGCTCGGACATCAGTCAGGTGGACCTGCTGGCGAAT
 TAGCCAGCTTGTTCGCGGTGAGTGGTGCAGGACACGTGGTGTCAAAGGTGCGCGCGGTGGATGCGGAC
 TCCGGTTACAACGCGTGGCTGTCTTATGAGCTCCACCCAACTGTGGGCGCTCGCAGCCCTTTCCGTGTG
 GTCTCTACACGGGTGAGATCAGCATGACCCGAGCCCTGGATGAATCTGATTTACCGCGCCAGCGCCTATT
 GGTGTTGGTGAAGGACCACGGCAACCTATGTTGATCGCCACTGCCACCGTTTTGGTGTCCCTGGTGGAG
 AACGGCCAGGTGCCAAAAGCTTCTTCCAGGGGTTGCCAACTCCTCCCGCAGGGAGGCGTCCGTGATGG
 ATGCAATGTATACCTGATCATTGCCATTTGCCAGTGTCCAGCCTGTTGGTGTGCTCAGCTGCTGCTATA
 CACAGCCCTGCGCTGCTCAGCTGTGCCATGCAGGCTGGTGGCGGCTTGGGAAGCCCACTCTGGTGTG
 TCAAGCGCTGTGGGACCTGGTCACTACAGCAGAGACAGCAGCGAGTATGCTCAGGAGAGGGTCCGC
 CAAAACCGACCTCATGGCTTTTACCCAGTCTTACACCTTGGCCAGTGGCCGAAGTGGGAATGAAAAG
 TCATTCTGTTGGAGGAGAGCTGCCCGAAAGCCCGCAGCCAAACCTGACTGGCGCTACTCTGCCTCG
 CTAAGAGCAGGCATGCACAGCTCTGTGCACCTGGAGGAGGCTGGCATTCTACGGGCTGGTCCAGGAGGGC
 CTGATCAGCAGTGGCCAACAGTATCCAGTGCAACACCAGAACCTGAGGCAGGAGAGGTGCTCCCTCCGT
 GGGCGCCGGTGTCAACAGCAACAGCTGGACCTTAAATACGGACCAGGCAACCCAAACAGTCCGGTCCC
 GGTGAGTTGCCAGACAAATTCATTATCCAGGATCTCCTGCAATCATCTCCATCCGGCAGGAGCCTGCTA
 ACAACCAAATTGACAAAAGCATTATTAACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAAAA
 GAAGAAGGTAACAAGACCCAGGAGAAAAAAGAAAGGAACAGCAGCAGGACAACAGTGACCAG**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_138661
Insert Size:	2940 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_138661.1</u> , <u>NP_619602.1</u>
RefSeq Size:	5341 bp
RefSeq ORF:	2940 bp
Locus ID:	192161
UniProt ID:	<u>Q91Y11</u>
Cytogenetics:	18 B2- B3
Gene Summary:	Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.[UniProtKB/Swiss-Prot Function]