

Product datasheet for **MC222821**

Pcdha2 (NM_198117) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha2 (NM_198117) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222821 representing NM_198117
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTTCTTTGAGAGGGGGCCAGAGGTCAGGCAGTGTCTGCTCTTCTTCTTCTCGCAGCCT
 GGGAGGCAGGGAACGGCCAGCTCCACTACTCCGTCGCCGAGGAGGCCAAACACGGCACTTTTGTGGGCCG
 CATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTGCCCGCCTGTTCAAGGTGGCTTCCAAGGAC
 CGCGGGGACCTTCTGGAGGTAATCTGCAGAATGGCATTGTTTGTGAATTCTCGGATCGACCGGGAGG
 AGCTGTGCGGGCGGAGCGCGGAGTGTAGCATCCACCTGGAGGTGATCGTGGACAGGCCGCTGCAGTTTT
 CCACGTGGAGGTGAGGTGAGGGACATTAACGACAACCCGCCGCGATTCCAATGACAGAAAAACTATC
 CAGTTTTCCGAATCTAGGTCGTTGACTCAAGTTTTCTTTAGAGGGAGCCTCTGATGCAGATATCGGAG
 TAAATGCTCTTCTGCTACAAGCTCAGCCCCAGTGAGTTTTCTTTCTAGATGTTCAAACAAGCGACGA
 ACTAAGCCAATCTCTGTTTCTTGTGCTGGGAAAATCTCTGGACAGAGAGGAGGATGCGGAGGTGAAATTG
 TTAAGTGTAGCTACTGATGGAGGCAAGCCTGAGCTCACCGGCACTGTTCAAATACTCATCAAGGTGTTAG
 ATGTGAATGACAAACGAACCTACTTTCCCAATCCGTTTACAAAGTACAGTTGTTAGAGAACACTGCAAA
 CGGAACCTTAGTGATGAAATTAATGCTTCTGATGCAGATGAAGGATCAAACAGCGAGATTGTGTATTCA
 CTCGGTAGTGATGTGCTTCCACCACACGGACTAAGTTTCAAATCGACCCCAACTCAGGAGAAGTCAGAA
 CTAAGGGAGAGTTAGATTATGAAGAAAGGACATCCTATGAAATCCAGGTGATTGCATCTGACAAGGGAAC
 CCCAGCGATGTCAGGACATTGTAATAATTCAGTAAAATTTGTGGATATCAATGACAATACGCCAGAAGTC
 TCAATAACGCTCTCTCACTACCCGTGCAAGAGAATGCTCCCTGGGTGCTGTCATCGCCCTCATCTCAG
 TGTGATCGTACTCGGGAGTCAATGGCAGGTGACCTGCTCCCTGAGTCTCATGTCCTTCAAGT
 GGTGTCCACTTCAAGAATTACTATTCTCTCGTCTGGACAGCGCCTTGACCGGGAAGCCACAGCTGAC
 TATAAGGTAATGGTGACAGCGCGGATGGGGCTCGCCCTCGCTACGGGCCACGGCCAGCGTGTCTGTGG
 AGGTGGCTGACGTGAACGACAATGCTCCAGTGTCTGCTCAGCCGAATACACCGTGTGTTGTAAGGAGAA
 CAATCCACCAGGAGCGCACATCTTACGGTGTGAGGATGGATGCTGACGCACAGGAGAAATGCGTGGTG
 TCCTACTCGTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTGTCTAGCTATGTGTCTGTGCATGCGGAGA
 GCGGAAGGTGTTGCTCTGCAGCCTTGGACCATGAGGAGCTGGAGCTGCTGCAGTTTCAAGTGTGCTGC
 GAGGGATGCTGGTGTGCTGCCCTGGGAGCAATGTACTCTGCAGGTGTTTGTGCTGGATGAGAATGAC
 AATGCACCTTGTGCTGCCCTCAGGAGCTGTGGGAGTTGGCGGCTCAGTGAAGGAGCTTGTACCTAGGT
 CAGTGGTTCGGGCCATGTAGTACCAAGGTGCGTGGCGTGGATGCGGATTCTGGTTACAACGCGTGGCT
 GTCATATGAACTGCAATCCACAGTGGGCATGCGTAGCCTGTTCCGCGTGGGTCTGTATACAGGCGAGATC
 AGCACCACGCGAGCCCTAGATGAAGTGGATGCGCCACGCCAGCGCCTGCTAGTGTGGTGAAGGACCATG
 GTGAGCCTTCGCTGACTGCCACAGCCACAGTGTAGTTTCTCTAGTTGAGAATAGTCAAGCTCCAAAAAC
 TTCATCAAGAGCGTTGGTAGATGCTGCTGGCCAAGAGGCGTCTCTGGTACTGTTAACGTGTACCTGGTC
 ATCGCCATCTGCGCGGTGTCAGCCTGTTGGTGTCTCACGCTGCTGTACACAGCGCTGCGCTGCTCAG
 CGATGCCACTGATGGAGCCTGTGCTCCGGGAGGCCATGCTGGTGTGCTCCAGCGCGTGGGGAGCTG
 GTCATACTCGCAGCAGAGGCGACAGAGAGTGTGCTCTGGAGAAGGCCCCCTAAGACTGATCTCATGGCC
 TTCAGCCCTAGCCTATCCAAGTCCGGAATCAGCAGAAGAGAGACAACCACCCTTAGAGGCCGAATACT
 TAGGAAAAGCCCGCAGCCCAACCTGACTGGCGTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTC
 TGTGCACCTGGAGGAGGCTGGCATTCTACGGGCTGGTCCAGGAGGCGCTGATCAGCAGTGGCCAACAGTA
 TCCAGTGAACACCAGAACCTGAGGCAGGAGAGGTGCCCTCCGGTGGGCGCCGGTGTCAACAGCAACA
 GCTGGACCTTTAAATACGGACCAGGCAACCCCAACAGTCCGGTCCCGGTGAGTTGCCAGACAAATTCAT
 TATCCCAGGATCTCTGCAATCATCTCCATCCGGCAGGAGCCTGCTAACAAACAAATTGACAAAAGCGAT
 TTTATAACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAGAAAAAGAAGGGAACAAGACCCAGG
 AGAAAAAGAGAAAGGGAACAGCACGACGGACAACAGTGACCAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_198117
Insert Size:	2847 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_198117.2</u> , <u>NP_932785.1</u>
RefSeq Size:	5379 bp
RefSeq ORF:	2847 bp
Locus ID:	353234
Cytogenetics:	18 B2- B3