

Product datasheet for **MC220710**

Pcdha7 (BC080863) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha7 (BC080863) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha7
Synonyms:	Cnr4; Crnr4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC080863
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAAACCTGAGAGGATACAACCTGGAAGAGCCAACAATTACTCCTGTTCTGATAATTGTGGCAGCCT
 GGGAGGCAGGGAGCGGCCAGCTCCACTACTCCGTCAGAGGAAGCCAAACACGGCACCTTCGTGGGCCG
 CATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTCCCCCGCTGTTCAAGGTGGCGTCCAAGGAC
 CGCGGGGACCTTCTGGAGGTAATCTTCAGAATGGCATTGTTGTTGTGAATTCTCGCATCGACGGGAGG
 AACTGTGCGGGCGGAGCGGAGTGTAGCATCCACCTGGAGGTGATCGTGGACAGGCCGCTGCAGGTTTT
 CCACGTGGAGGTGGAGGTGAAGGACATTAATGACAACCCTCCCATGTTTCCAGCGACACAAAAGGCTCTG
 TTTATCCTGGAGTCCAGACTGCTTGACTCGCGTTTCCACTAGAGGGCGCGTCAGATGCAGATGTCGGTT
 CCAATGCTCTGCTGACTACAGACTGAGCACAATGAACATTTCTCTGGATGTACCGCCCAACCACGA
 GCAGGTGAAACCTCTGGGCTGGTTTTGCGGAAACCTTTAGACAGAGAAGAAGCTGCAGAGATTCGCTTA
 TTGCTCACGGCCACCGACGGAGGCAAACCGGAGCTGACAGGCACCGTTCAATTACTCATCACCGTGTGG
 ATGTCAATGACAATGCTCCAGTTTTGACAGATCTCTGTATACTGTGAAATTGCCAGAAAACGTTCCAAA
 TGGAACATTGGTAATCAAAGTCAATGCCTCAGATTTGGACGAAGGCGTGAATGGGGACGTTATGACTCA
 TTTTCTAGTGATGTTTCTCAGATATAAAAATCCAAGTTCACATGGACACTGTGAGTGGAGAGATTACAG
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 TATTTGACCGTGATTCGGTCCCAATGGCAGGTGACCTGCTCCCTGACTCCTCATATCCCTTCAAGT
 GGTGTCCACATTCAAAAATTAATTCGCTCGTGTGGACAGTGTCTGGACCGAGAGACCATCGCTAAC
 TATGATGTGATTGTGACCGCTCGCGATGGCGGTTCCGCTCCCTGTGGGCCACGGCCAGCGTGTCCGTGG
 AGGTGGCTGATGTGAACGACAATGCTCCACTGTTGCGCAGCCTGAATACACGGTGTTCGTGAAGGAGAA
 CAACCCGCTGGTGCACATCTTACAGTGTGAGCGATGGATGCTGATGCGCAGGAGAATGCGCTGGT
 TCCTACTCGTGGTGAACGGAGGGTGGGCGAGCGCTTGTGTCGAGCTATGTGCTGTGCACGGGAGA
 GCGGCAAGGTGTTGCTCTGCAGCCTCTGGACATGAGGAGCTGGAACCTGCTGCAGTTCAGGTGAGCGC
 GCGGGATGCTGGTGTGCCTGCCCTGGCAGCAATGTGACTCTGCAGGTGTTTGTACTGGACGAGAACGAC
 AATGCACCTACCCTGCTGGGCTTTGGCTAACGGGTTGGTGGCACAATGAATGAGGTAGTATCAAGAG
 CTTTGGTCCCTGGTCAAGTGTGGCGAAAGTCCGGGCCGTAGATGAGGACTCTGGATACAATGCGTGGTT
 GTCTTTGAGCTGCAGCCAGTTGCGGGTGGAGTTCGTAGTCCCTTCCGTGTAGGCCTGTACACAGGAGAA
 ATCAGCACGACACGTGCTCTGGAGGAGACAGATGCCTTGCAGCAGTGTGTTAGTGTGGTGAAGATC
 ACGGAGAACCTTCTGACCGCCACAGCCACGGTGTGCTTTCTCTGGTACAGAGCGGCCAAACACAGAA
 GGTCTCATCTAAGGTGTGAGTGGAGCTCCAGAGTGGATCAGAGGCTGGTGGATGTCAACGTGTACCTG
 ATCATCGCCATCTGCGCGGTGTCCAGCCTGTTGGTGTGCTCAGCTACTGCTGTACACAGCGCTGCGCTGT
 CGGCGACGCCCACCGATGGAGCCTGTGCTCCAGGAAGCCCATGCTGGTGTGCTCCAGCGCGTGGGAG
 CTGGTCATACTCGCAGCAGAGGCGACAGAGAGTGTGCTCTGGAGAAGGCCACCCAAAGCCGACCTCATG
 GCCTTCAGCCCCAGCCTACCTCAGGGTCCCAGCTCTACAGATAACCCCCGGCAGCCCAACCTGACTGGC
 GCTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTCTGTGCACCTGGAGGAGGCTGGCATTCTACGGC
 TGGTCCAGGAGGGCTGATCAGCAGTGGCCAACAGTATCCAGTGAACACCAGAACCTGAGGCAGGAGAG
 GTGTCCCTCCGGTGGGCGCCGGTGTCAACAGCAACAGCTGGACCTTTAAATACGGACCAGGCAACCCCA
 AACAGTCCGGTCCCGGTGAGTTGCCAGACAAATTCATTATCCAGGATCTCTGCAATCATCTCCATCCG
 GCAGGAGCCTGCTAACATCTCCATCCGGCAGGAGCCTGCTAACACCAAATTGACAAAAGCGATTTATA
 ACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAGAAAAGAAGGGTAACAAGACCCAGGAGAAAA
 AAGAGAAAAGGAAACAGCACGACGACAACAGTGACCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	BC080863
Insert Size:	2841 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:	BC080863 , AAH80863
RefSeq Size:	3882 bp
RefSeq ORF:	2840 bp
Locus ID:	12939
Cytogenetics:	18 B2- B3
Gene Summary:	Calcium-dependent cell-adhesion protein involved in cells self-recognition and non-self discrimination (PubMed:27161523). Thereby, it is involved in the establishment and maintenance of specific neuronal connections in the brain (PubMed:27161523). [UniProtKB/Swiss-Prot Function]