

## Product datasheet for **MC222776**

### **Pcdha10 (NM\_009961) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdha10 (NM_009961) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha10
Synonyms:	Cnr3; Cnr8; Crnr3; Crnr8; Pcdha14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>MC222776 representing NM\_009961  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCCTGTGTGCCATGAAATACTGCCATGAATCCTGGTGCCTGCTGCTCACTTTTGTGTTGCGCAA  
 TCTGGGAGCCTGGGAGTGGCCAGCTCCGCTACTCCGTCAGAGGAGGCCAAACACGGCACCTTCGTGGG  
 CCGCATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTGCCTCCGCTGTTACAGGGTGGCGTCCAAG  
 GACCGCGGGACCTTCTGGAGGTAATCTGCAGAAATGGCATTGTTTGTGAATTCTCGGATCGACCGGG  
 AGGAGCTGTGCGGGCGGAGCGGGAGTGCAGCATCCACCTGGAGGTGATCGTGGACAGGCCGCTGCAGGT  
 TTTCCACGTGGAGGTGGAGGTGAGGGATTAATGACAACCTCCCGTGTTCACACGACAGAAAAGAAAT  
 CTCTTTGTTTCGGAATCGAGAGCTCTAGATCCTCATTTCCTACTAGAGGGCGCTTCGGATGCAGACATCG  
 GAACTAATGCTCTTCTGACTTACAGACTGAGTCCAGTGAATATTTCTCCCTGGAAGTACCAACCACAGA  
 TGAGTTGGTAAAACCACTCCAAGTGTAAAGAAACCTTTAGACAGAGAGCGAGCTTCAGAGCTTCAC  
 TTAGTGGTTAAAGCCACGGATGGGGCAAACCTGAGCTCACAGGCACCTTGGAGTTACATATTACAGTTC  
 TAGATGCAAAATGACAATGCGCCAGCATTGACAGAGCAATCTATCGGGTGAAGCTGGTAGAAAATGCAAG  
 AAATGGTACCGTGGTCATTAGACTTAATGCCTCGGATTTGGACGAAGGTTCAAATGGTCAAATTCCTTAT  
 TCCTTTGACAGCGGATGTTCCCTAAGACCGAAGCCACTTTTCATATAGATTCAGTCACTGGAGAAAATTA  
 AAGTCAATGGAATAATAGATTTTGAAGAACTAATTTATGGAAGATTCAAGCAGAAGCAGTTGACAAAGG  
 TAGTCTCCAATGTTGGTCACTGCACAATCTTAATTGAAGTCTGGACATCAATGATAATGCTCCCAAG  
 ATAATAGTAACATCATTATCGTCCCTGTTCAAGAGGACGCTCCAGTGGGACAGTTATTGCCTTAATCA  
 GTGTGATGGATCCTGACTCTACAGTCAACGGGCAAGTACCTGCTCCCTGTCTCCCTCATGTCCCTTCAA  
 GCTTGTGTCCACCTTCAAGAATTATTATCCCTCGTGTGGACAGTGTCTTGGATCGAGAGACAACAGCT  
 GACTATAAAGTGGTGGTACAGCCCGGGATGGGGCTCTCCCGCTGTGGGCCACAGCCAGTGTGTCCG  
 TGGAGGTGGTGAACGACAATGCTCCTGCATTGACAGTGGAAATACACGGTGTTCGTGAAGGA  
 GAACAACCCGCTGGAGTGCAGCTTTCACAGTATTGGCGATGGACGCGGATGCGCAGGAGAATGCGCTG  
 GTGTCTACTCGTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTGTGAGCTATGTGTCTGTGCACGCGG  
 AAAGCGCAAGGTGTTGCGCTGCAGCCTCTGGACCATGAGGAGCTGGAGCTGTGCAGTCCAGGTAAC  
 TGCGAAGGATGCTGGTGTGCTGCCCTGGGAGCAATGTGACTCTGCAGGTGTTGTGCTGGATGAGAAC  
 GACAATGCACCCACCTGCTGCCACGGAGCTGTGAGCTGGCGGGCAGTGAAGTGTGCTTGTGCTTA  
 GGTCAAGTGGGTTAGGGCATGTAGTGGCAAGGTGCGGGCAGTAGATGCGGACTCTGTTACAATGCTTG  
 GTTGTATATGAGCTCCAGTTCAGAGCTGGCAGTGTGCGCAGTCCCTCCGTTGGGACTATACACGGGT  
 GAGATCAGTATCACTCGCGCTCTGGATGAAGCAGATGCGCCGCGCAACGCCTGTTGGTGTGGTGAAGG  
 ACCATGGCGAGCCCGCTTACTGCCACAGCCACAGTGTGGTTTCTCTGGTTGAGAGCAACCAGGCACC  
 AAAGGCCTCTTACGGGTGTTGGGTCCAGCAGCCTCTGAATCATCTGTAGTGGATGTCAACGTGTATTTG  
 ATCATCGCCATCTGTGCGGTGTCCAGTCTGTTGGTGTCACTGGTGTGTACTGCCCTGCGATGCT  
 CTGCATTGCCACTGAGGTCACTGTGGACCGGAAACCCATGCTGGTATGTTCCAGCGCGGTGGGAAG  
 CTGGTCTTACTCTAGCAAAGGAGGCAGAGGGTGTGTTCAAGAGAGGGCCACCGAAGCAGATCTCATG  
 GCCTTCAGTCCCAGTGTCTCCTGTTTGGGTTCTGGAGATAGTGGAGTCCAGCAAGAGATCTTTGAGA  
 ATCCCGCGCAGCCCAACCTGACTGGCGTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTCTGTGCA  
 CCTGGAGGAGGCTGGCATTCTACGGGCTGGTCCAGGAGGGCTGATCAGCAGTGGCCAACAGTATCCAGT  
 GCAACACCAGAACCTGAGGCAGGAGAGGTGTCCCTCCGGTGGCGCCGGTGTCAACAGCAACAGCTGGA  
 CCTTTAAATACGGACCAGGCAACCCAAACAGTCCGGTCCCGGTGAGTTGCCAGACAAATTCATTATCCC  
 AGGATCTCCTGCAATCATCTCCATCCGGCAGGAGCCTGCTAACAAACAAATGACAAAAGCGATTTATA  
 ACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAAGAAAAAAGAAAGGGTAACAAGACCCAGGAGAAAA  
 AAGAGAAAGGAAACAGCAGCAGGACAACAGTACCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

<b>ACCN:</b>	NM_009961
<b>Insert Size:</b>	2841 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_009961.1</a></u> , <u><a href="#">NP_034091.1</a></u>
<b>RefSeq Size:</b>	5242 bp
<b>RefSeq ORF:</b>	2841 bp
<b>Locus ID:</b>	12943
<b>UniProt ID:</b>	<u><a href="#">Q91Y20</a></u>
<b>Cytogenetics:</b>	18 B3
<b>Gene Summary:</b>	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]