

## Product datasheet for **MC222800**

### **Pcdha1 (NM\_054072) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdha1 (NM_054072) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha1
Synonyms:	CNR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>MC222800 representing NM\_054072  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGTTTTCCAGGCTCCGAGGCTGAGAGCCGGCGCCTGCTCTTGTCTCGTCTCTGTTTCTTGCAG  
 CCTGGGAGGCAGGGAGCGCCAGATTCACTACTCTGTCCAGAGGAAGCCAAACACGGCACCTTTGTGGG  
 CCGCATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTGCCTCCCTATTACAGGTGGCGTCCAAG  
 GATCGCGGGGACCTTCTGGAGGTAATCTGCAGAAATGGCATTGTGTTGTGAATTCTCGGATCGACCGGG  
 AGGAGCTGTGCGGGCGGAGCGGGAGTGTAGCATCCACCTGGAGGTGATCGTGGACAGGCCGCTGCAGGT  
 TTTCCACGTGGAGGTGAAGGTTAAAGATATTAATGATAACCCACCAGTTTTCAAAGGCGCAGAGCAAAGG  
 ATATTTATTCCTGAAAACAGACAAGTACGATTACCGTTTTCCACTAGAGGGCGCCGTGGACGCAGACATTG  
 GTGCCAATTCCTTTAACTTACACGCTGAGCCCCACTGATTACTTTCTTTAAAGGTAGAGACAACAGA  
 CGAACTCAGTAAATCCCTTCGCTTGAAGTGAAGAAATCTTTGGATAGAGAAGAAACACCAGAATTCAG  
 TTATTACTGACAGCCACCGACGGGGCAAGCCAGAGCTGGAGGGGACAGTTCCGGCTGCAGATTACTGTGC  
 TCGATGTTAATGACAACGCCCTGTTTGACCAAGCCATCTACAGAGCACAGTTAGTAGAATCTACAGT  
 GAATGGGACATTAGTGACGACGTTAAATGCCACTGACGCTGATGAAGGTGTTAATGGTGAAGTTGTGTTT  
 TCCTTTGGCAATGACGTTTCTCTTGACATTCAAGAAAAATCAATGTGGATTCTCTTTCCAGGAGAAATTA  
 GAGTGATCGGTGATCTAGATTATGAAAAACAAAATCCTATGAAATCAAATAAAGGCAGTTGATAAAGG  
 GACTCCCTCCATGTCAAATCACTGCAAGGTTTTGGTGAAGTACTGGATATAAATGATAATGCTCCAGAG  
 CTGTGATCACATCCTTGTCTTTGCCATCAAAGAGGATACTCCACTAACACTATCATCGCACTCATCA  
 AGGTGTCGACATCGACTCAGGTGTCAACGGGAGGTGACCTCCCTAACTCCATGTCCTTTCAA  
 GTTGGTGTCCACCTTCAAGAATTAATCTCGCTTGTGCTGGACAGCACCTGGACCGAGAGACCACAGCG  
 GACTATAAGGTGGTGGTACAGCCCGCAGCGGGGCTCGCCTCGCTGTGGGCCACGGCCAGCGTGTCTG  
 TGGAGGTGGTGAACGACAATGCTCCAGTGTTCGCGCAGCCGAATACACTGTGTTGTTGTAAGGA  
 GAACAACCCGCTGGTGCACATCTTACGGTGTGACGATGGACGCGGATGCGCAGGAGAATGCGCTG  
 GTGCTACTCGTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTGTCGAGCTATGTGTCTGTGCACGCGG  
 AGAGCGCAAGGTGTTGCGCTGCAGCCTTGGACCATGAGGAGCTGGAGCTGCTGCAGTCCAGGTGAG  
 CGCGCGGATGCTGGTGTGCTGCCCTGGGAGCAATGTGACTCTGCAGGTGTTGTGCTGGACGAGAAT  
 GACAATCCACCCACTGCTGGGCCTCACGCAGGCAGCGAGTGAAGCAACTGGTGTGCAGGCAATGG  
 GTGACGGGATGTTGGTGAAGGTGCGCGCGGTGGACGCGGACTCTGGCTACAATGCGTGGCTGTCTTA  
 TGAATAACAACCTCTACAGGTGGTGCAGCAACCCGTTTCGCGTGGGTCTGTACTGTTGAGATTAGC  
 ACCACAGCTCCTTAGATGAGGTGATGTTCCACGACAGCGTCTCTTGGTGTGGTGAAGGACCATGGAG  
 AGCCAATGCTGACTGCTACCGCTACCGTGTGGTATCTCTGGTGGAAAGCAGTCCGATTACAGAAAGCCTC  
 TTTGCCTGATTAACCGGTGACGTTGGTCCAAGGCATCGCTGGTGGATGTCAACGTGTACCTGATCATC  
 GCCATCTGTGCCGTGTCAGCCTGTTAGTGCTCACTTTGCTTCTGTACACAGCGCTGCGTGTCCGCGA  
 CACCACTGATGGAGCCTGTGGTCCGGGAAGCCATGCTGGTGTGCTCCAGCGCGTGGGAGCTGGTC  
 ATACTCGCAGCAGAGGCAGAGAAGGTGTGCTCTGGAGAGGGTCCACTAAGACCGACCTCATGGCCTTC  
 AGCCCGGTTTAGCCCCAGGTTTGAACATAGCGGAAAGAAGTGACCACGCAGAAGTAAATTCAGATCTTT  
 CTGGTAATCCCCGGCAGCCCAACCTGACTGGCGCTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTC  
 TGTGCACCTGGAGGAGGCTGGCATTCTACGGGCTGGTCCAGGAGGGCTGATCAGCAGTGGCCAACAGTA  
 TCCAGTGAACACCAGAACCTGAGGCAGGAGAGGTGTCCCTCCGGTGGGCGCGGTGTCAACAGCAACA  
 GCTGGACCTTTAAATACGGACCAGGCAACCCAAACAGTCCGGTCCGGTGGAGTTCAGACAAATTCAT  
 TATCCCAGGATCTCTGCAATCATCTCCATCCGGCAGGAGCTGTAACAACCAATTCAGAAAAGCGAT  
 TTTATAACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAGAAAAAGAAGGGAACAAGACCCAGG  
 AGAAAAAGAGAAAGGGAACAGCAGCAGGACAACAGTGACCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

<b>ACCN:</b>	NM_054072
<b>Insert Size:</b>	2847 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_054072.1</a></u> , <u><a href="#">NP_473413.1</a></u>
<b>RefSeq Size:</b>	5248 bp
<b>RefSeq ORF:</b>	2847 bp
<b>Locus ID:</b>	116731
<b>Cytogenetics:</b>	18 B2-B3