

## Product datasheet for **MC218155**

### **Pcdha4 (BC060211) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdha4 (BC060211) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha4
Synonyms:	Cnr1; Crnr1; R75250
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >BC060211  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAATTTCTGGGAAGTGCCAGGAATCCCAGCGCTTGCTCTTTCTTTCTGCTTCTTGCAATCT  
 GGGAGGCAGGGAACAGCCAGATCCACTACTCCATCCCTGAGGAGGCCAAACACGGCACCTTCGTGGGCCG  
 CATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTCCCCCGCTGTTCCAGAGTGGCGTCCAAGGAC  
 CGCGGAGACCTTCTGGAGGTAATCTGCAGAATGGCATTGTTGTTGTGAATTCTCGGATCGACCGGGAGG  
 AGCTGTGCGGGCGGAGCGGAGTGACGATCCACCTGGAGGTGATCGTGGACAGGCCGTTGCAGGTTTT  
 CCACGTGGAGGTGGAGGTGAGGGACATTAACGACAACCCCTCCAGGTTCCCAACAACACAAAAGAATCTG  
 TTCATTGCAGAATCAAGGCCACTTGACACTTGGTTTCCACTAGAGGGCGCTTCAGACGCAGATATCGGAA  
 TCAATGCTGTACTGACTACAGACTGAGTCCAAATGATTACTTTTCTTTGGAAAAACCATCAACGACGA  
 ACGGGTAAAAGGTCTTGGACTTGTATTACGAAATCTTTAGACCGGGAGGAACTCCAGAGATAATTTTA  
 GTGCTTACTGTCACGGACGGAGGAAAGCCAGAGCTGACCGGCAGTGTTCAGTTACTCATCACTGTGCTGG  
 ATGCCAATGATAATGCTCCAGTTTTTGACAGATCTCTGTATACCGTGAAATTACCAGAAAACGTTCCAAA  
 TGGGACATTGGTAGTCAAAGTCAATGCCTCAGATTTAGACGAAGGGGTAATGGGGATATTATGACTCA  
 TTTTCTACAGATATTTACCAAAATGTGAAATACAAATCCACATAGACCCGTGTTAGCGGAGAGATTATTG  
 TAAAGGGATACATTGATTTTGAAGAATGCAAAATCCTATGAAATTTCTATAGAGGGAAATGACAAGGGACA  
 ACTTCCACTCTCTGGGCACTGTAAGTCAATGTACAAGTTGAAGACATCAACGATAATGTTCCAGAATTG  
 GAATTCAAATCTCTATCACTTCCAATACGAGAGAATTCACAGTGGGCACTGTCATCGCACTCATTAGTG  
 TGTCTGATCGGGACCGGGTGTCAACGGCAGGTGACCTGCTCCCTGACAAGTCAATGTTCCCTTCAAGTT  
 GGTGTCCACATCAAGAATTACTATTCGCTCGTGTGGACAGCGCCCTGGACAGAGAGACAACAGCGGAC  
 TATAAGGTGGTGGTACAGCGCGGGATGGGGCTCTCCCTCGCTGTGGCCACGGCTAGCGTGTCTGTTG  
 AGGTTGCTGACGTGAACGACAATGCACCTGTGTTGCGCGCAGCCGAATACACGGTGTTCGTGAAGGAGAA  
 CAACCCGCTGGTGCACATCTTACGGTGTGAGCGATGGATGCGGACGCACAGGAGAACGCGCTGGTG  
 TCCTACTCGTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTGTCGAGCTATGTGCTGTGCACGCGGAGA  
 GCGGCAAGGTGTTCGCGCTGCAGCCTCTGGACATGAGGAGCTGGAGCTGCTGCGGTTCCAGCCCCGGCA  
 GCCCAACCCTGACTGGCCTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTCTGTGCACCTGGAGGAG  
 GCTGGCATTCTACGGCTGGTCCAGGAGGGCTGATCAGCAGTGGCCAACAGTATCCAGTCAACACCAG  
 AACCTGAGGCAGGAGAGGTGTCCCTCCGGTGGGCGCCGGTGTCAACAGCAACAGCTGGACCTTTAATA  
 CGGACCAGGCAACCCCAACAGTCCGGTCCCGAACCTAAAAAGCAGACCCAGGTTTCTTTCTCCCCCGC  
 CGCAAAGGAGAAGCTTCCAGCCCCGCCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** BC060211

**Insert Size:** 1923 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:**

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:** [BC060211](#), [AAH60211](#)

**RefSeq Size:** 4166 bp

**RefSeq ORF:** 1922 bp

**Locus ID:** 12936

**Cytogenetics:** 18 B2- B3

**Gene Summary:** Calcium-dependent cell-adhesion protein involved in cells self-recognition and non-self discrimination (Probable). Thereby, it is involved in the establishment and maintenance of specific neuronal connections in the brain (PubMed:27161523).[UniProtKB/Swiss-Prot Function]