

Product datasheet for **MC222773**

Pcdha4 (NM_007766) Mouse Untagged Clone

Product data:

| | |
|---------------------------|-----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Pcdha4 (NM_007766) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Pcdha4 |
| Synonyms: | Cnr1; Crnr1; R75250 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF:

>MC222773 representing NM_007766
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATTTTCTGGGAAGTGCCAGGAATCCCAGCGCTTGCTTCTTTCTTTCTGCTTCTTGCAATCT
 GGGAGGCAGGGAACAGCCAGATCCACTACTCCATCCCTGAGGAGGCCAAACACGGCACCTTCGTGGGCCG
 CATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTCCCCCGCTGTTCCAGAGTGGCGTCCAAGGAC
 CGCGGAGACCTTCTGGAGGTAATCTGCAGAATGGCATTGTTGTTGTGAATTCTCGGATCGACCGGGAGG
 AGCTGTGCGGGCGGAGCGGGAGTGCAGCATCCACCTGGAGGTGATCGTGGACAGGCCGTTGCAGGTTTT
 CCACGTGGAGGTGGAGGTGAGGGACATTAACGACAACCCCTCCAGGTTCCCAACAACACAAAAGAATCTG
 TTCATTGCAGAATCAAGGCCACTTGACACTTGGTTTCCACTAGAGGGCGCTTCAGACGCAGATATCGGAA
 TCAATGCTGTACTGACTACAGACTGAGTCCAAATGATTACTTTTCTTTGGAAAAACCATCAACGACGA
 ACGGGTAAAAGGTCTTGGACTTGTATTACGAAATCTTTAGACCGGGAGGAACTCCAGAGATAATTTTA
 GTGCTTACTGTCACGGACGGAGGAAAGCCAGAGCTGACCGGCAGTGTTCAGTTACTCATCACTGTGCTGG
 ATGCCAATGATAATGCTCCAGTTTTTGACAGATCTCTGTATACCGTGAAATTACCAGAAAACGTTCCAAA
 TGGGACATTGGTAGTCAAAGTCAATGCCTCAGATTTAGACGAAGGGGTAATGGGGATATTATGACTCA
 TTTTCTACAGATATTTACCAAAATGTGAAATACAAATCCACATAGACCCGTGTTAGCGGAGAGATTATG
 TAAAGGGATACATTGATTTTGAAGAATGCAAAATCCTATGAAATCTCATAGAGGGAAATGACAAGGGACA
 ACTTCCACTCTCTGGGCACTGTAAGTCAATGTACAAGTTGAAGACATCAACGATAATGTTCCAGAATTG
 GAATTCAAATCTCTATCACTTCCAATACGAGAGAATTCACAGTGGGCACTGTATCGCATCATTAGTG
 TGCTGTACGGGACCGGGTGTCAACGGGCAAGTGCCTGCTCCCTGACAAGTCAATGCTCCCTTCAAGTT
 GGTGTCCACATTAAGAATTAATTCGCTCGTGGACAGCGCCCTGGACAGAGAGACAACAGCGGAC
 TATAAGGTGGTGGTACAGCGCGGGATGGGGCTCTCCCTCGCTGTGGCCACGGCTAGCGTGTCTGTTG
 AGGTTGCTGACGTGAACGACAATGCACCTGTGTTGCGCGACCCGAATACACGGTGTTCGTGAAGGAGAA
 CAACCCGCTGGTGCACATCTTACGGTGTACGCGATGGATGCGGACGCACAGGAGAACGCGTGGTG
 TCCTACTCGTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTGTGAGCTATGTGTCTGTGCACGCGGAGA
 GCGGCAAGGTGTTCGCGTGCAGCCTCTGGACATGAGGAGCTGGAGCTGCTGCGGTTCCAGGTGAGCGC
 GCGGGATGCTGGTGTACCTGCCCTGGGAGCAATGTGACTCTGCAGGTGTTTGTGCTGGACGAGAATGAC
 AACCGCCACACTGCTGGAACCTGAGGCAGGAGTCTCTGGTGGAAATCGTGAAGCCGTTGGTGTCCAGAT
 CAGTGGGTGCAGGCCATGTGGTGTCAAGTGCAGCGGGTGGATGCAGACTCTGGCTATAATGCATTGGCT
 CTCTTATGAGCTGCAATCGTCAGAAGGCAATCCCGTAGCCTTTTCCGCTAGGTTTGTATACGGGCGAG
 ATAGTACTACGCGCATACTGGATGAAGCAGATTCGCCACGTGAGCGCCTTCTGGTGTGGTGAAGGACC
 ATGGTGACCCAGCAATGATTGTTACCGCCACAGTGTGGTGTCTCTGGTAGAGAAATGGCCCGGTACCAAA
 GGCTCCATCGCGAGTATCCACGAGTGTACACACTCTGAGGCGTCACTGGTGGATGTCAACGTGTACCTG
 ATCATTGCCATCTGTGCAGTGTCCAGCTGTAGTGTCTACGCTGCTGTGTACACAGCGCTGCGCTGTT
 CCACTGTCCCACTGAGAGCGTGTGCGGGCTCCAAAACCGTAATGGTGTGCTCCAGTGCAGTGGGGAG
 CTGGTCATACTCCCAACAAGGAGGCAAGGGTGTGCTCTGGGGAGTACCCACCTAAGACCGACCTCATG
 GCCTTCAGCCCCAGTTTATCTGATTCAAGGGACAGAGAGGATCAATTGCACTGTGACAGGATTCTCTG
 GAAAGCCCCGGCAGCCAAACCTGACTGGCGTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTCTGT
 GCACCTGGAGGAGGCTGGCATTCTACGGCTGGTCCAGGAGGGCCTGATCAGCAGTGGCCAAACAGTATCC
 AGTGCAACACCAGAACCTGAGGCAGGAGAGGTGTCCCCTCCGGTGGGCGCGGTGTCAACAGCAACAGCT
 GGACCTTTAAATACGGACCAGGCAACCCCAACAGTCCGGTCCCGGTGAGTTGCCAGACAAATTCATTAT
 CCCAGGATCTCTGCAATCATCTCCATCCGCGAGGAGCCTGCTAACAAACCAATTGACAAAAGCGATTTT
 ATAACCTTCGGCAAAAAGGAGAGACCAAGAAAAAGAAGAAAAAGAAGGGTAACAAGACCCAGGAGA
 AAAAAGAGAAAGGGAACAGCACGACGACAACAGTGACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN: | NM_007766 |
| Insert Size: | 2844 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: | NM_007766.2 , NP_031792.1 |
| RefSeq Size: | 5322 bp |
| RefSeq ORF: | 2844 bp |
| Locus ID: | 12936 |
| UniProt ID: | O88689 |
| 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] |