

Product datasheet for **MR209688**

Pcdha4 (BC060211) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide
Sequence:

>MR209688 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAATTTTCTGGGAAGTGCCAGGAATCCCAGCGCTTGCTCTTTCTTTCTGCTTCTTGCATCT
GGGAGGCAGGGAACAGCCAGATCCACTACTCCATCCCTGAGGAGGCCAAACACGGCACCTTCGTGGGCCG
CATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTGCCCGCCTGTTCCAGAGTGGCGTCCAAGGAC
CGCGGAGACCTTCTGGAGGTAATCTGCAGAATGGCATTGTTGTTGTGAATTCTCGGATCGACCGGGAGG
AGCTGTGCGGGCGGAGCGGGAGTGCAGCATCCACCTGGAGGTGATCGTGGACAGGCCGTTGCAGGTTTT
CCACGTGGAGGTGGAGGTGAGGGACATTAACGACAACCCCTCCAGGTTCCCAACAACACAAAAGAATCTG
TTCATTGCAGAATCAAGGCCACTTGACACTTGGTTTCCACTAGAGGGCGCTTCAGACGCAGATATCGGAA
TCAATGCTGTACTGACTACAGACTGAGTCCAAATGATTACTTTTCTTTGGAAAAACCATCAACGACGA
ACGGGTAAAAGGTCTTGGACTTGTATTACGAAATCTTTAGACCGGGAGGAACTCCAGAGATAATTTTA
GTGCTTACTGTCACGGACGGAGGAAAGCCAGAGCTGACCGGCAGTGTTCCAGTTACTCATCTACTGTGCTGG
ATGCCAATGATAATGCTCCAGTTTTTGACAGATCTCTGTATACCGTGAAATTACCAGAAAACGTTCCAAA
TGGGACATTGGTAGTCAAAGTCAATGCCTCAGATTTAGACGAAGGGGTAATGGGGATATTATGACTCA
TTTTCTACAGATATTTACCAAAATGTGAAATACAAATTCACATAGACCCCTGTTAGCGGAGAGATTATTG
TAAAGGGATACATTGATTTTGAAGAATGCAAAATCCTATGAAATTCATAGAGGGAAATGACAAGGGACA
ACTTCCACTCTCTGGGCACTGTAAGTCAATGTACAAGTTGAAGACATCAACGATAATGTTCCAGAATTG
GAATTCAAATCTCTATCACTTCCAATACGAGAGAATTCACAGTGGGCACTGTCATCGCACTCATTAGTG
TGCTGATCGGGACCGGGTGTCAACGGCAGGTGACCTGCTCCCTGACAAGTCATGTCCTTCAAGTT
GGTGTCACATTCAAGAATTAATTCGCTCGTGGACAGCGCCCTGGACAGAGAGACAACAGCGGAC
TATAAGGTGGTGGTGACAGCGCGGGATGGGGCTCTCCCTCGCTGTGGGCCACGGCTAGCGTGTCTGTTG
AGGTTGCTGACGTGAACGACAATGCACCTGTGTTGCGCGCAGCCGAATACACGGTGTTCGTGAAGGAGAA
CAACCCGCTGGTGCACATCTTACGGTGTGAGCGATGGATGCGGACGCACAGGAGAACGCGTGGTG
TCCTACTCGTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTGTCGAGCTATGTGCTGTGCACGCGGAGA
GCGGCAAGGTGTTGCGCTGCAGCCTCTGGACCATGAGGAGCTGGAGCTGCTGCGGTTCCAGCCCCGGCA
GCCCAACCCTGACTGGCGTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTCTGTGCACCTGGAGGAG
GCTGGCATTCTACGGCTGGTCCAGGAGGGCTGATCAGCAGTGGCCAACAGTATCCAGTGAACACCAG
AACCTGAGGCAGGAGAGGTGCCCTCCGGTGGGCGCCGGTGTCAACAGCAACAGCTGGACCTTTAATA
CGGACCAGGCAACCCCAACAGTCCGGTCCCAGAACCTAAAAGCAGACCCAGGTTTCTTTCTCCCCCGC
CGCAAAGGAGAAGCTTCCAGCCCCGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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

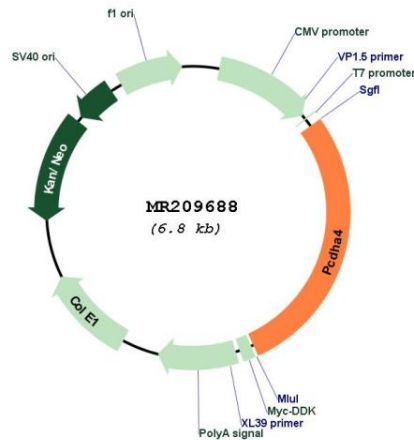
Locus ID: 12936

Cytogenetics: 18 B2- B3

MW: 70.4 kDa

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]

Product images:



Circular map for MR209688