

Product datasheet for **RN212340**

Pcdha4 (NM_053933) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha4 (NM_053933) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha4
Synonyms:	Cnr1; cnr5; Pcdha1; Pcdha2; Pcdha5; Pcdha6; Pcdha7; Pcdha8; Pcdha10; Pcdha11; Pcdha12; Pcdha13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN212340 representing NM_053933
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAATTTCTGGGAAGTGCCAGGAATCCCAGCGCTGCTTCTCTTTTCTGTTTCTTGCAATCT
 GGGAGCCAGGAAACAGCCAGCTCCACTACTCCATCCCAGAGGAGGCCAAACACGGCACCTTCGTGGGCCG
 CATCGCACAGGACCTGGGGCTGGAGCTGGCGGAGCTGGTGCCTCGCCTGTTTCAGGGTGGCGTCCAAGGAC
 CGCGGAGACCTTCTGGAGGTAATCTGCAGAATGGCATTGTTGTTGTGAATTCTCGGATCGATCGGGAGG
 AGCTGTGCGGGAGGAGTGGCGAGTGTAGCATCCACTTGGAGGTGATCGTGGACAGGCCGCTGCAGGTTTT
 CCACGTGGAGGTAGAGGTGAGGGACATTAACGACAACCCCTCCACGTTCCCAACCCACACAAAAGAATCTG
 TTCATCGCAGAATCAAGGCCACTTGACACTTGGTTTCCACTAGAGGGCGCTTCAGATTAGATATCGGAA
 TCAATGCTGTGCTGACTTACAGACTAAGTCCAAATGATTACTTTTCTTTGGAAAAACCAACCAACAGTGA
 ACGGGTAAAAGGTCTTGGGCTTATATTACGAAATCTTTAGACCGGGAGGAACTCCAGAGTTATTTTTTA
 GTGCTCACTGTCACGGATGGAGGAAAGCCGAGCTGACTGGCAGTGTTCAGTTACTCATCACAGTGCCTGG
 ATGCCAACGATAATTCTCCAGTTTTTGACAGATCTCTATACCGTGAAATTACCAGAAAACGTCCCAAA
 TGGGACATTGGTAGTCAAAGTCAATGCCTCAGATTTAGATGAAGGCGCCAATGGGGAAGTTATGTATTCA
 TTTTCTACAGATATTCACCAAAATGTGAAAAACAAATCCACATAGACCCGGTTACCGGAGAGATCGCTG
 TAAAGGGATACATTGATTTTGAAGAATGCACATCCTATGAAATTTCTATAGAGGGAATTGACAAGGGACA
 ACTTCCCTCTCTGGACTGTAAAGTTATTGTACAAGTTGAAGACATCAATGATAACGCCCCAGAGTTG
 GAATTCAAATCTCTATCACTTCCAATCAGAGAGAATGCTCCGGTGGAACTGTCATCGCATCATCAGTG
 GTTTGATCCGGACCGGGTGTCAATGGCAGTTACTTGTCCCTGACTCCTCAGTCCCCTTCAAGT
 GGTGTCCACTTCAAGAATTAATTTCGTTGTTGGACAGCGCCCTGGACCGGGAGACCACAGCTGAC
 TATAAGGTGGTAGTGATAGCCCGGGATGGGGCTTGCCCTCGCTGTGGCCACGGCCAGTGTGCTCGTGG
 AGGTGGCTGACGTGAACGACAATGCCCTCGCTTGCACAGCCTGAATACACGGTGTGTTGTGAAGGAGAA
 CAACCCACCTGGAGCGCACATCTCACGGTATCCGCGGTGGACGCAGACTCACAGGAGAACGCGTGGTG
 TCCTACTCGTGGTGGAGCGGGTGGCGAGCGCTTGTGTCAAGCTATGTCTCTGTGCACGGGAGA
 GCGGCAAGGTGTTCGACTGCAGCCTCTGGACATGAGGAGCTGGAGCTGCTGCAGTTCAGGTGAGCGC
 GCGGGATGCTGGTGTGCCTGCCCTGGCAGCAATGTGACTCTGCAGGTGTTGTGCTGGATGAGAACGAC
 AACCGCCACCCTGCTGGAACCCGAGGCAGGAATCTCTGGTGGAAATCGTGAGCCGGCTAGTGTCCAGAT
 CAGTAGGTGCGGGCCATGTGGTGCCAAAGTGCCGCGGTGGATGCGGACTCTGGCTATAATGCATGGCT
 CTCTTATGAGCTGCAATCGTCAGAAGGCAATCCCGTAGCCTATTCGGTGTGGGTCTATACGGGCGAG
 ATTAGTACTACGCGCAGCTTGGATGAAGCAGATTCGCCGCGTCAGCGCCTTCTGGTGTGGTGAAGGACC
 ATGGCGACCCAGCAATGATGGTTACTGCCACAGTGTGGTGTGCTGGTGAAGAAATGGCCCGCTACCAAA
 GGCTCCATCGCGAGTGTCCACAAGAGTCACAAACGCGGAGGCGTCACTGGTGGATGTCAACGTGTATCTG
 ATCATCGCCATCTGTGCAGTATCCAGCCTGTTAGTGCTCAGCTGCTGCTGTACAGTGCCTGCGCTGCT
 CCACTGTCCCAGTGAGAGCGTGTGCGGGCTCCAAAACCAAGTAAATGGTGTGCTCCAGCGCAGTGGGGAG
 CTGGTCATACTCTCAGCAAAGGAGGCAAAGGGTGTGCTCTGGAGAGTACCCACCTAAGACCGACCTCATG
 GCCTTTAGTCCCAGTCTATCTGATTCAAGGGACAGAGAGGATCAATTGCAGTCCACAGAGGATTCCTCTG
 GAAAGCCCGACAGCCAAACCTGACTGGCGTACTCTGCCTCGCTAAGAGCCGGATGCACAGCTCTGT
 GCACCTGGAGGAGGCTGGCATTCTACGGCTGGTCCAGGAGGCGCTGATCAACAGTGGCCAAACAGTATCC
 AGTGCAACACCAGAACCAGAGGCAGGAGAGGTGTCCCCTCAGTGGGCGCTGGTGTCAACAGCAACAGCT
 GGACCTTTAAATACGGACCCGGCAACCCAAACAGCCCGTCCCAGTGGAGTTGCCAGACAAATTCATTAT
 CCCAGGATCTCCTGCAATCATCTCCATCCGCGAGGAGTCTGCTAACAAACCAATTGACAAAAGCGATTTT
 ATAACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAGAAAAAGAAGGGTAACAAGACCCAGGAGA
 AAAAAGAGAAAGGGAACAGCACGACGACAACAGTGACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_053933
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_053933.1 , NP_446385.1
RefSeq Size:	5241 bp
RefSeq ORF:	2844 bp
Locus ID:	116741
UniProt ID:	Q76718
Cytogenetics:	18p11
Gene Summary:	binds dental epithelial and mesenchymal cells; may play a role in enamel and dentin formation during incisor development [RGD, Feb 2006]