

Product datasheet for **RN203037**

Pcdha13 (NM_053934) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha13 (NM_053934) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha13
Synonyms:	Cnr5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203037 representing NM_053934
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTATTATTCTCGAAAGCGGCCAGGATCCCGGTGCCTCCTGCTCTTTCTGCTCTTCTCAGCCT
 GGGAGGCAGGGAGCGGCCAGCTCCACTACTCCATCCCTGAGGAGGCCAAACACGGCACCTTCGTGGGCCG
 CATCGCACAGGACCTGGGGCTGGAGCTGACGGAGCTGGTGCCCGTCTATTACAGGTGGCGTCCAAGGAC
 CGCGGAGACCTTCTGGAGGTAATCTGCAGAATGGCATTGTTGTTGTGAATTCTCGGATCGACCGGGAGG
 AGCTGTGCGGGAGGAGCGGGAGTGCAGCATCCACCTGGAGGTGATTGTGGACAGGCCGCTGCAGGTTTT
 CCACGTGGAGGTGGAGGTGAAGGACATTAACGACAACCCGCCGTTCCCGGAAACCAAAAAACATT
 GTGATTGCAGAGTCGAGACCTCCAGAACTAGATTTCCACTAGATGGCGCATCCGATGCAGATATTGGAA
 TCAATTCGCCTTGACCTACCGATTGGATCCCAGTGATTATTTTGGCTTTGGCCACGCAAAACAATCGTGA
 GCGACCTTCTCATTATCCCTCGTGTTAAAGAAATCATTAGACAGAGAAGAAATTCAGGAACATAGTTTA
 TTAATAACAGCTAGTGACGGAGGCAAAACCGGAACTGACTGGCACAGTTCAGCTGCTGATACCATCCTCG
 ACGTGAACGACAATGCTCCAGAGTTTGATAGGTTTCGTTTATAGAGTTAGAGTGTTAGAGGATGATTTAA
 TGGAACATTGGTGATTAACCTAAACGCCACAGATCCCGACGAGGGTACAAATGGAGATATAATCTACTCC
 TTCAGGCGGCCTGTATCCCTGCGGTAGTGCATGCATTAATATAGATCCCAACAGCGGAGAAGTTAGGA
 CAAAAGGCCTACTGGATTTGAAGAAATTAACCTGTATGAAATACCCGTGGAGGCAGTGGATAAAGGGAA
 TATCCCAATGACAGGCCATTGTACCTTCTGGTGAAGTACTAGATGTAACGACAATGCACCAGAGGTC
 ACGATCACTTCCCTGTCACTACCAGTCAAAGAAGATGCTCAGCCAAGCACTGTCATAGCTCTGGTCAGCG
 TGTGTGACCGAGACTCTGGTGACAACCGGAGGTGACTTGTCTTTGACACCGCACCTCCCTTCAAGCT
 GGTGTCCACTTCAAGAATTACTATTCAATTAGTGTGGACAGCGCCCTGGACCGTGAGACCACAGCTGAC
 TATAAGGTGGTGGTGACAGCCCAGACGGGGCTCACCTCTCTGTGGGCCACGGCCAGCGTGTCCGTTG
 AGGTGGCTGACGTGAACGACAACGTGCCTGTTTTCGCGCAGCCTGAATACACCGTGTGTGAAGGAGAA
 CAACCCGCTGGCGGCACATCTTACGGTGTCTGCAGTGGACACAGATGCGCAGGAGAACGCGTGGTG
 TCCTACTCGCTAGTGGAGCGGAGGGTAGGCGAGCGCTTGTGTCAAGCTATGTGTCTGTGCACGCTGAAA
 GCGGAAGGTATTTGCTCTGCAGCCTCTGGACCATGAGGAGCTGGAGCTGCTGCAGTTCAGGTGAGCGC
 GCGGGATGCTGGTGTGCCAGCCCTGGGAGCAATGTACTCTGCAGGTGTTGTGCTGGATGAGAACGAC
 AATGTTCCACGCTGCTGCCTCACAGAGCTGTCCGAGCTGGGGGGCAGTGAAGTGAAGTGTGCCTAGGT
 CAGTGGTTCAGGCATGTAGTGGCGAAGGTTCCGCGCAGTAGATGCGGACTCTGGTTACAATGCGTGGCT
 GTCTTATGAGCTGCAGTTGGCAGCAGGGCCATGAGCAGTCCGTTCCGCGTGGGTCTATACACGGGCGAG
 ATCAGCACGACGCGTGCCTAGATGAAGCAGATGCACCGGCCAGCGTCTGTTGGTGTGGTGAAGGACC
 ACGGCGAGCCCGCTAACCCGCACAGCCACTGTGCTGGTGTCTCTGGTGGAGAATGGCCAGGCACCCAA
 AATATCTTCCCTTGTCCGAGAGCATAGCATCTTCGGAGGCGTCTCTGGTACTGTCAACGTGTACCTG
 ATCATTGCTATTTGCGCGGTGTCCAGCCTGTTGGTGTCTACGCTACTGCTTTACACTGCACTGCGCTGCT
 CAGCAAGGCCATTAATGGAGCCTGTGTTCCAGGGAAGCCATGCTGGTGTGCTCAAGCGCAGTGGGGAG
 CTGGTCTACTCGCAGCAAAGGGGACAGAGGGTGTGCTCTGGAGAGGGCCACCTAAGACTGATCTTATG
 GCCTTCAGTCCCAGTCTCCCTCCTGTGCTAGGCTCTGCAGAGGATACATGTCAAAGAGAAAGGCAGGTAG
 AACATTTGAAAGAGCCCCGACAGCCCAACCCCTGACTGGCGCTACTCTGCCTCGCTAAGAGCCGGCATGCA
 CAGCTCTGTGCACCTGGAGGAGGCTGGCATTCTACGGGCTGGTCCAGGAGGGCCTGATCAACAGTGGCCA
 ACAGTATCCAGTGAACACCAGAACAGAGGCAGGAGAGGTGTCCCTCCAGTGGGCGCTGGTGTCAACA
 GCAACAGCTGGACCTTTAAATACGGACCCGGCAACCCCAACAGCCCGTCCCGGTGAGTTGCCAGACAA
 ATTCATTATCCCAGGATCTCCTGCAATCATCTCCATCCGGCAGGAGTCTGCTAACACCAAAATTGACAAA
 AGCGATTTTAACTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAGAAAAAGAAGGTAACAAGA
 CCCAGGAGAAAAAGAGAAAGGGAACAGCACGACGACAACAGTGACCAG**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_053934
Insert Size:	2853 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:	<u>NM_053934.2</u> , <u>NP_446386.2</u>
RefSeq Size:	5251 bp
RefSeq ORF:	2853 bp
Locus ID:	116742
Cytogenetics:	18p11
Gene Summary:	expressed in odontoblasts and early stage ameloblasts during incisor development; may play a role in cell-cell interactions during formation of dentin and enamel [RGD, Feb 2006]