

Product datasheet for **RN209647**

Pcdha6 (NM_199506) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha6 (NM_199506) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha6
Synonyms:	rCNRv06
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209647 representing NM_199506
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGAGAAAAATAGATCTTCTAATGAAACAAGCAAGAAACATTCTACATGGATTTTACCACTGACG
 GCAGACTAGGAACACGGTGTCTGCTGCTCGCTCTTGCCTTGCAGCCTGGGAGGCAGGGAGCGGCCA
 GCTCCACTACTCCGTCCAGAGGAGGCCAAACACGGCACCTTCGTGGGCCGCATCGCGCAGGACCTGGGG
 CTGGAGTTAGCGGAGCTAGTGCCCGCTTGTTCAGAGTGGCGACCAAGGATCGCGGAGACCTTCTGGAGG
 TAAATCTGCAGAAATGGTATTTTGTGTAATTCTCGGATCGACCGGGAGGAGCTGTGCGGACGGAGCGC
 GGAGTGCAGCATCCACCTGGAGATGATCGTGGACAGGCCGCTGCAGGTTTTCCACGTGGAGGTGGAGGTG
 AGAGACATTAATGATAACGCCCTGTGTTCTCAGTAAAGGAGCAAAGAATGTTAATTTACGAATCTAGGC
 TGCCAGATTCTTTGTTCCACTAGAGGGCGCATCCGATGCTGATGTTGGATTAATTTCTATCTTGACCTA
 TAAACTCAGTTCAGTGAATACTTTGGACTAGATGTGAAAACAACAGCGATGGCAACAACAAATTAGA
 CTCTTGTGAAAAAATCTTTGGACAGAGAGGATGTTCTGAGCATAAACTACTCCTGACAGCCACGGATG
 GAGGCAAGCCTGAGCTCACAGGCTCCGTTCCAGCTGCTGGTCACTGTGCTGGATGTGAATGACAACGCCCC
 TACTTTCCAACACCCTGAGTATGAAGTGAGAATCTTGGAAAACCTCAGACAACGGAACGACAGTTATTAGA
 CTGAATGCTTCTGACAGGGATGAAGGGACGAATTCAGCAATTTCTTACTCTTTAATAGGCTGGTGTGCG
 CCAGGATCTTGACCAGTTTAGCATAGATGCAGACACAGGAGAAATCGTAATTCAGGGAATTTGGACTT
 TGAGCAAGTAGATGTCTACAAAATCCACGTTGACGCGACGGACAAGGACACCCTCCGATGGCAGGCCAT
 TGCACGTGTTTAGTGAGGGTATTGGATGAAAACGACAATGTGCCTAGGATCACCTTGACTTCTTATCCC
 TGCTGTTTCGAGAGGACGCTGCCTGCTGCTCCTCATGTTCCCTTCAAGCTGGTGTCCACCTTCAAGAAT
 TACTATTGCTTGTGCTGGACAGCGCCCTGGACCGAGAGACCACAGCTGACTATCAGGTGGTGGTGCAG
 CTCAGGACGGGGTTCGCTTCTCTGTGTACCACGGTCAGCGTGTCTGTGGAGGTGGCTGATGTGAATGA
 CAATGCTCCTGCGTTCGCGCAGCCGAATACACGGTGTTCGTGAAGGAGAACAACCCGCTGGAGCGCAC
 ATCTTCACTGTGTACGCGGTGGATGCAGACACACAAGAGAACGCTTTGGTGTCTACTCGCTGGTGAAC
 GACGGTGGGCGAGCGCTTGTGTCGAGCTATGTGTCTGTGCACGCGGAGAGCGGCAAGGTGTTCCGACT
 GCAGCCTCTGGACCATGAGGAGCTGGAGCTGCTGCAGTCCAGGTGAGCGCGGGATGCTGGTGTGCT
 GCCCTGGGCGAGCAATGTGACTCTGCAGGTGTTTGTGCTGGATGAGAATGACAACGCGCCACGCTGCTT
 GACCTTGACACAAGGATCCGGTGGTATAGTGAGCGAACTTGTGTACCCTCTGTGGGTGCTGGCCAAGT
 TGTCACAAAGGTGCGTGCAGTAGATGCGGATTCTGGTTACAATGCCTGGCTATCTTATGAACTGCATCCT
 TTAACAGGTGGAACACGAAGCCTGTTTCGGGTAGGTCTGTATACGGGCGAGATTAGTACCACGCGTGCCC
 TTGAGGAGGCAGATGCACCACGCCATCGCTATTAGTGCTGGTGAAGGACCACGGGGAGCCAGCGCTGAT
 GACCACAGCCACCGTGTAGTGTCTCTGGTTGAGAACAGCCAGACTCCAAAAGCCTTTCGCGAGCGGCA
 GGCTCCACCGCCAGGAAGTGTGTTAGTGAATGTCAATGTGTACCTGATTATTGCCATCTGCGCGGTGT
 CCAGCTGTAGTCTAACCCCTCATGGTATACACTGCACTGCGGTGCTCAGTCCGCCTACAGAGGGTGT
 GTGCGGGCAGGGAAGCCTGTGCTGGTTTGTCTAGCGCGGTGGGAGCTGGTCTACTACAACAGAGG
 AGACAGAAGGTTTGTCTGGAGAGGGGCCACCTAAAACCGACCTCATGGCCTTACGCCCCGGTCTTCTC
 CTTGTCCGGTGTGGGTGAGCATCAGGATTCAAACGAAGATCATTGCTCAAGACCCCGACAGCCAAACC
 TGACTGGCGTACTCTGCCTCGCTAAGAGCCGGCATGCACAGCTCTGTGCACCTGGAGGAGGCTGGCATT
 CTACGGCTGGTCCAGGAGGCCTGATCAACAGTGGCCAACAGTATCCAGTGCAACACCAGAACCAGAGG
 CAGGAGAGGTGTCCCCTCAGTGGGCGCTGGTGTCAACAGCAACAGCTGGACCTTAAATACGGACCCGG
 CAACCCCAAACAGCCCGTCCCGGTGAGTTGCCAGACAAATTCATTATCCAGGATCTCCTGCAATCATC
 TCCATCCGGCAGGAGTCTGCTAACAAACAAATGACAAAAGCGATTTTATAACCTTCGGCAAAAAGGAGG
 AGACCAAGAAAAAGAAGAAAAAGAAGGGTAACAAGACCCAGGAGAAAAAAGAGAAAGGGAACAGCAC
 GACGGACAACAGTGACCAG**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_199506
Insert Size:	2892 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_199506.1</u> , <u>NP_955800.1</u>
RefSeq Size:	5289 bp
RefSeq ORF:	2892 bp
Locus ID:	393088
Cytogenetics:	18p11
Gene Summary:	member of a the synaptic cadherins and Reelin receptor protein family [RGD, Feb 2006]