

Product datasheet for **RN206167**

Pcdha9 (NM_199508) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha9 (NM_199508) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha9
Synonyms:	rCNRv09
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN206167 representing NM_199508
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGTTTAGGCGGTGCACTCCAGAGGGACGGTTTCTAGTCTTTCGTTCTGCTCCTCGCAGTTT
 GGGAGGTGGGAGCGGACAGCTCCGCTACTCTATACCGAGGAAACCAAACACGGCACCTTCGTGGGCCG
 CATCGCACAGGACCTGGAAGTGCAGCTGCCGGAGCTGGTTCTGTGCTTTTCCAGTTGGACTCAAAGGGT
 TTTGGGACCTTCTGGAGGTAATCTGCAGAATGGCATTGTTGTGAATTCTCGGATCGATCGGGAGG
 AGCTGTGCGGGAGGAGCGCGGAGTGCAACATCCACCTGGAGGTGATCGTGGACAGGCCGCTGCAGGTTTT
 CCACGTCGAGGTAGAGGTGAGGGACATTAATGACAACCTCCACGTTTCCAGCGACACAGAAGACTCTG
 TTTATCCGGAGTCCAGACTGCTTGACTCGCGTTTCCACTAGAGGGCGCGTCAGATGCAGATGTCGGTT
 CCAATGCCCTGCTGACTACAGACTGAGCACAATGAACATTTCTCTGGATGTACCGCCCAACCACGA
 GCAGGTGAAACCTCTGGGCTCGTTTTGCGGAAACCTTTAGACAGAGAAGAAGCTGCAGAGATGCGCTTA
 TTGCTCACGGCTACGGACGGAGGCAAACCGGAGTTGACCGGCACCGTTACGTTACTCATCACAGTGTGG
 ATGTCAATGACAACGCTCCAGCTTTTGACAGATCTCTGTATACCGTGAAATTACCAGAAAACGTTCCAAA
 CGGGACATTAGTAATCAAAGTCAATGCCTCAGATTTGGACGAAGGCGTCAATGGGGAAGTTATGACTCA
 TTTTCTAGTGATGTTTTCAGATATAAAATCCAAGTTTACGTTGGATGCTGTGAGTGGCGAGATTACAG
 CTATCGGAATTATTGATTTTGAAGAGTGCAAAGCTTACAAGATCCATTAGAGGCACGTGATAAGGGCTT
 CCCACCACTGATTGGTCACTGTACTGTTCTGTGGAAGTTGTGATGCTAATGACAATGCCCCACAGCTC
 AATGTCAAAACACTCTGGCTCCCTGTTAAAGAAGATGCGCAGCTGGGAAAATTATTGCCCTGATCAGTG
 TGATTGACTAGACTCAGGTGCCAACGGGCAAGTTACCTGCTTGGCTAATCACGTCCCCTTCAAGT
 GGTGTCCACCTTCAAGAATTACTATTGCTTGTGCTGGACAGCGCCCTGGACCGAGAGACCACAGCTGAC
 TATCAGGTGGTGGTACTGCGCAGGACGGGGTTCTCCCTCGCTGCGGGCCACGGCCACCGTTTCTGTGG
 AGGTGGCTGATGTGAACGACAATGCGCCCTGTTGCTCAGCCTGAATACACAGTGTGTTGTGAAGGAGAA
 CAATCCACCAGGTACGCATATCTTACGGTGTCTGCGGTGGATGCAGATGCACAAGAGAATGCGCTGGT
 TCCTACTCGTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTGTCGAGCTATGTGCTGTGCATGCGGAGA
 GCGGCAAGGTGTCGCGTGCAGCCTCTGGACATGAAGAGCTGGAGCTGCTGCAGTTCAGGTGAGCGC
 GCGGGATGCTGGTGTGCCTGCCCTGGGACGCAATGTGACTCTGCAGGTGTTGTGCTGGATGAGAACGAC
 AACATGCCGACGTTGCTTGGATCTGGGACGGTGGTTCAGATGGAGTGTCAATCATTTGTGCCTAGGT
 CGGTGGATCCTGGTACGTTGGTGGCGAAGGTGCGCGCAGTAGATGCAGACTCTGGTTACAATGCTTGGCT
 GTCTTACGAGCTGCTCTATTGCCAGGGAGCATGCGCAGCCATTCCGTGTAGGACTATACACCGGTGAG
 ATCAGCACCACAAGTTCCTTGGACGAAACAGATGGGACTAGACAACGCTGCTGCTGCTGGTGAAGGACC
 ACGGTGAACCTCAGCTGACTGCCACAGTACCATGCTGGTGTCTTATGTTGAAAGTGGCCAGGCCCAAA
 GGCCTCGTCCCGTCTCTGTGGGTGTTAGTGTACCAGAGTATCGTTAGTGAATGTCAACGTGTACCTG
 ATCATTGCCATTTGCGCAGTGTCCAGTCTATTGGTGTACGCTGCTGTTGTACTGCGCTCCGCTGCT
 CGGCGATGCCACTGGGGCGCTTGTGGTCTGGGAAGCCATGCTGGTGTGCTCCAGCGCGTGGGTAC
 CTGGTCTTACTCGCAGCAGAGACAGCAGAGGGTATGCTCTGGAGAGGGCCTACCGAAGACCGACATATG
 GCCTTACGCCCGGTCTACCTCCATGTCTGGATCTGCAGAACCATCTGTTTCTTTGGACTCCTCTGAGA
 AGCCCCGACAGCCCAACCTGACTGGCGTACTCTGCCTCGCTAAGAGCCGGCATGCACAGCTCTGTGCA
 CCTGGAGGAGGCTGGCATTCTACGGGCTGGTCCAGGAGGGCTGATCAACAGTGGCCAACAGTATCCAGT
 GCAACACCAGAACCAGAGGCAGGAGAGGTGTCCCTCCAGTGGGCGTGGTGTCAACAGCAACAGCTGGA
 CCTTTAAATACGGACCCGGCAACCCAAACAGCCCGTCCCGGTGAGTTGCCAGACAAATCATTATCCC
 AGGATCTCTGCAATCATCTCCATCCGGCAGGAGTCTGCTAACAACCAATGACAAAAGCGATTTTATA
 ACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAGAAAAGAAGGGTAACAAGACCCAGGAGAAAA
 AAGAGAAAAGGAAACAGCACGACGACAACAGTACCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_199508
Insert Size:	2841 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_199508.1</u> , <u>NP_955802.1</u>
RefSeq Size:	5239 bp
RefSeq ORF:	2841 bp
Locus ID:	393090
Cytogenetics:	18p11
Gene Summary:	synaptic cadherin [RGD, Feb 2006]