

Product datasheet for **RN213566**

Pcdh20 (NM_001107280) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdh20 (NM_001107280) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdh20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213566 representing NM_001107280
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCGGCCAAGGGAACGCGCGCAGCTCGCTGGTCCAGGCAGTGAGCTTGCGCCACGCACCTGGCACC
 CGTGCCTGGATATGGGGCATCTACATCGTCCCAGCAGCAGGACCAGCCACAGGAACCTGCCGCATGTTGT
 TCTGCTTTTCTTCTCGTGGGACCTTCAACTGCCTCGCGAGTTACAGTCGTGCTACCGAGCTTCTGTAC
 AGCCTAAACGAAGGACTGCCCGGGGAGTGCTCATAGGCAGCTTGGCGGAGGACCTGAGGTTGCTGCCTC
 GGGCCTCTGGGAGACAGAGCCAGCAGTTGCTGCATCCAGAGCGCACTGCTGCTGAGGGGAACCCCTCT
 CTCTTTCAGCTTGGCCTCCGGGGGACTGAGTGGCCAGTATGTGACCCTAGACAACCGCTCCGGGGAGCTG
 CACACTTCTGCACAGGAGATCGACAGAGAAGCATTGTGCTTGGATGGTGGTGGAGGGGCTGCCTGGGGCG
 GCAGTACCTCCATTGCCTCCTCCTTCTCTGATTCTTGCTTTTGTCTGGATGTGCTGGTCTCTGCC
 TCAGGAATATTTAGGTTTGTGAAGGTGAAAATTGCCATCAGGGATATCAATGACAATGCTCCGCAGTTC
 CCCATTTCTGAAATCTCTGTTTGGGTCCCGGAAAATTCACCTGTAATACCCGATTGGCGATAGAGCATC
 CTGCTGTGGACCCGGATGTAGGCATTAATGGTGTGCAAACCTATCGCTTACTGGACTACCATGGTATGTT
 TACCCTAGACGTGGAGGAGAATGAGAATGGGGAACGCACACCCTACTTGATTGTCATGGCGCTTTGGAC
 AGAGAAACCCAGGACCAGTATGTGAGCATCATATAGCTGAGGATGGTGGGTCTCCGCCATTGCTGGGCA
 GCGCCACCCTCACCATTGGCATAAGTGACATTAATGACAATTGCCTCTTTCATAGACTCACAAATTA
 TGTACCGTTTATGGAAATGCTACAGTGGGCACCCCTGTCACAACAGTCCAGGCTGTGGATAGAGACTTG
 GGGACAAACGCACAGATCACTTACAGTTACAGTCAGAAAGTCCACAAGAATCCAAGGAATTTCCACC
 TGGATGAAGTTACTGGAGTCGTTAAGCTTCCAGTAAGATCGGTGGGAATGTTCTACAGACACATAAGCT
 CACCATCCTCGCTAACGGACCTGGCTGTATCCCGCAGTGATCACTGCTCTCGTGTGATCATCAAAGTC
 GTTTTCAGACCCCGAATTTGCCACGTTATATCGCAATGAGATGGATGGTGTGCTGTATCTGAAAG
 AATTGGAGCCTGTTAATACTCCAATCGCTTTTTTACCATCAGAGATCCGGAAGGCAATACAAAATTA
 CTGCTACTTGGAGGGTGAAGGGCATTACGGCTAGCACCCACAAGCCATAACAATGAATACTTGTG
 GAGACCACAAAACCTATGGACTATGAGCTGCAGCCGTTCTATGAAATAGCTGTAGTGGCCTGGAACCTAG
 AGGGGTTTCATGACAAGAGAATCATTAAAGTACAACCTTCTAGATGACAATGACAATGCCCTGTTTTCT
 TCAGCCCTTGATAGAAGTACCATTGAAGAAAACAATGCACCAATGCCTTCTGACGAAGCTCTATGCT
 ACAGATGCCGACAGTGGAGAGATGGGCCGAGTTTCTACTTCTTGGGACCCGATGCTCCGCTCTATTTT
 CCTTAGACAGCGTCACAGGGATTCTGACCGTTTCCACTCAGCTGGACAGAGAAGAGAAAAGTACAG
 GTACACTGTCCGAGCAGTGGACTGTGGGAAGCCACCCAGAGAATCAGTGGCTACAGTGGCTCTCACCGTG
 TTGGATAAAAAATGACAACAGTCCGAGGTTCAACAAGAACTTACAGTTTTTTGTGCCAGAAAACCTTC
 CGGGATATGGTGAATTTGGAGTCATTAGTGTAAACAGATGCTGATGCTGGGAGGAATGGATGGGTAGCCCT
 CTCGGTAAATGAACCAGAGTGATATTTTCGTCATAGATACAGGTAAGGCATGTTGAGAGCTAAAGTCTCT
 TTAGACAGAGAACAGCAAAGCTCATACACTCTGTGGGTGGAAGCTGTTGATGGGGGTGAGCCCGCCTTT
 CTTCTACCACAAAAATCACAAATCTCCTTCTGGACATCAATGATAACCCCTCCCTTGTTTTGTTCCTCA
 ATCTAATATGCTTACTTGTGGTCTACCTTCTACTCTCCTGGCTCACCAGTGACAGAGGTCTATGCA
 GTTGACAAAAGATACAGGCATGAATGCAGTCATAGCTTATAGTATCATAGGAGAGAAGAGGTCACAGGCTG
 AGTCTTTCAGAATTGACCCCAAGACTGGCAACATCACTCTGGAGGAAGCCTTGTGTCAGACAGATTATGG
 TTTGCATCGCTTACTCGTGAAGTGAGTGATCACGGATACCCCGAACCTCTCCATTCCACGGTCATGGTG
 AACTTATTTGTCAATGACACTGTGAGTAAACGAGAGCTACATTGAGAGCCTTTTAAGGAAGGAACAGAAA
 TTAATATAGAAGAGAAGAACCAAAATCTCAATAAAGCCAACTCATAGGAAGGTAGAGTCTATGCTCTG
 TATGCCACATTGGTGGCTCTGTCTGCATAAGCTTGGCTTCCATCACACTAGTTACAGGGATGGGGATA
 TACATTTGCTTACGGAAGGTAAAAACATCACAGGGAAGACACAATTTGGAAGTACAGATTCCATTGA
 AAGGAAGAATTGACTTGTGTATGAGAGAGAAAACCAATGGACATTTCTAACATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001107280
Insert Size:	2859 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_001107280.1</u> , <u>NP_001100750.1</u>
RefSeq Size:	5179 bp
RefSeq ORF:	2859 bp
Locus ID:	306081
Cytogenetics:	15q12