

Product datasheet for **RN211188**

Pcdhb20 (NM_001109395) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb20 (NM_001109395) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb20
Synonyms:	Pcdhb14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211188 representing NM_001109395
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGAACAGAAAGACTATCATCTGCAGAAACGGCAAGCTTGGTTTTCTTTGTTTGTGGATTGT
 CTCGGGCGAGTGTGAGTCTTTGCGCTATTCTGTAGCAGAGGAAACAGAAATTGGCTCTTTTGTGGCTAA
 TCTGGCAAGGGATTTAGGGCTGGGGTTGCGGAGCTGTCTCCAGGGAGGCCAGGATAGTGTGACACGAT
 AATAAAAGCATTACTCCTTAATTTGCTGACCGGAGATGTGCTCCTGAGTGAGCGACTGGACCGTGAAG
 AGCTGTGTGGCTCCACCGAGCCCTGTGTGCTGCCCTTTCAGGTGGTACTGGAAGACCCCTTACAGTTCTA
 TCGAGCTGAGCTGCATGTGAGAGACATAAATGATCAGCCCTACATTCTAGACAAGGAAATAACTATT
 AAAATACCAGAAAGCGCTGCTATCGGAGCCACATTTTAAATTGAGAATGCACAAGATCTGGACATAGGAA
 GCAACAGTCTCCAGGACTACAGCATTAGCCCCAGTTCTCATTTCTATGTTAAATTCATGAGAGTGGTGA
 TGGAAAGATATATCCAGAGCTGGTACTGGACAAAGCTTTAGATCATGAGGAAGAATCTGAGCTTAGATTG
 ACATTTACAGCATTGGATGGCGGGTCTCCACCCAGGTCTGGGACAACATTAGTTCTCATAAAAGTCTTGG
 ACATCAACGATAATGCTCCTGAGTTTGCTCAGAATTTCTATGAGGTGCAGGTCCCAGAGGACACACCCAT
 TGGCTCCAGTATTACTATCTCTGCTAAAGATTTAGATATGGGAAATTATGGGAAATATCATATTCA
 TTTTGTGATGCAACAGAGATGTTAGAAAAACCTTTGAAATCAACCCAACATCTGGGGAAGTCAATTTGA
 GATCACTGCTGGATTTTGAAGTAATACAGTCTATTCTGTAACATCCAAGCAACAGATGGTGGAGGTCT
 TTCAGCAAAATGCACTCTTTCAGTTAAAGTATTAGATATAATGACAATGCACCAGAAAGTATCATATCA
 TCGGTTACAAAGACAATCCAGAGAATGCTTCAGAGACCTGATCACTCTGTTGAGTGTCCGAGATCAAG
 ACTCTGGAGACAATGGAAGGATCCTTTGCTCTATTCCGGATGACCTTCCATTTATTCTAAAGCCACCTT
 CAAGAATTTTTTCACTCTACTTTCTGAAAAAGCACTGGACAGAGAAAGTAGAGCTGAGTACAACATCACC
 ATCACTGTCTCAGATCTGGGCACACCCAGGCTCAACAACCCAGCACACCATAACAGTGCAGGTGTCTGACA
 TCAACGACAACGCCCCGCCCTTCAACCAACCTCTACACCATGTTTGTCCACGAGAACAACAGCCCCGC
 CCTGCACATAGGCACCATCAGTGCCACAGACTCAGACTCAGGCTCCAATGCCACATCACCTACTCGCTG
 ATGCCGCTCGAGACCCACAGCTGGCCCTCGACTCCCTCATCTCCATCAATGCTGACAACGGGCAGCTGT
 TCGCACTCAGGGCGCTGGACTATGAGGTGCTGCAGGCCTTCGAGTTCGCGTGGGTGCCACAGACAGAGG
 CTCACCCGCTCAGCAGCCAGGCTCTGGTGCGCTGGTGGTGTGGACGACAATGACAATGCGCCCTTC
 GTGCTCTACCCGCTGCAGAAATGCCTCAGCGCCCTACACAGAGCTGCTGCCAGGGCGGCAGAGCCTGGAT
 ACCTGTTTACCAAGGTGGTAGCTGTGGACCGGACTCTGGCCAGAATGCCTGGCTGTATTCCAGCTGCT
 CAAAGCCACGGAGCCGGGGCTGTTACAGCGTGTGGGCGCAATGGCGAGGTACGCACCTCCAGGCTGCTG
 AGCGAGCGCGATGCACCAAGCACAACCTGCTGCTGATGGTCAAGGACAATGGAGATCCTCCGCGCTCTG
 CCAGTGTTATGTTGCACGTGCTAGTGGTAGATGGCTTCTCTCAGCCCTACCTGCCTCTGCCAGAGGTGGC
 GCACAATCCTGCACACGACGAGGACACTTAACACTGTACCTGGTCATAGCCTTGGCATCTGTGTCTTCT
 CTCTTCTCTTGTCTGTGCTGCTGTTGCGGGGTGAGGCTGTGCAAGAAGGCCAGGGCAGCTTCTCTGG
 GTGGCTGCTCTGTGCCCAGGGGCCATTTCTTGCCACCTGGTGGACGTTACCGGCACTGGAACCCCTGTC
 CCAGAATAACAGTATGAGGTGTGTTTGACAGGAAGTACTGGGACAAACGAGTTCAAATTCCTGAAGCCA
 GTCATGCCAGCTTTCAACTCCAGGACCCGATTCTAATATGCTGGTAAAGGAGAACTTTCGGAATAGCC
 TGGGTTTTAATATTCAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109395
Insert Size: 2400 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:	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_001109395.1</u> , <u>NP_001102865.1</u>
RefSeq Size:	3376 bp
RefSeq ORF:	2400 bp
Locus ID:	680203
Cytogenetics:	18p11