

Product datasheet for **RN211643**

Pcdhb21 (NM_001114604) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb21 (NM_001114604) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211643 representing NM_001114604
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGAGTCTGTGGTTGGAGCTGCTCAGCATGTAAGGCAAGTGCTGGTTTTCTTTGTTTTCTGGAAGGGT
 CCTTGGTTCTTTTCGGAGACCTGGAGTTATTCTGTGGCAGAAAGAACGGAGACTGGCTCCTCTATAGGTAA
 TATCATTAAGATATGGATGTAGGTGACCTGGCTGCACGGGGGGCCAGAGTTATATTTGATGACTACCGAG
 CCTATTTGCGGTTAGAACTGGAGACTGGCAACTTGCTTTTGAATAAAAACTGGACAGGGAGGCACTTT
 GTTCTACCACTGAACCTGTATATTGCATTTCCAGGTGTTATTGGAGAATCCTCTGCAATTTTTTCAGGC
 TGAGCTTTTGATTGAAGACATAAATGACCATACCCCCACATTTCTAGAAAACTCATATTTCTAAATATC
 TCAGAAGGTGCTACTCCAGGAACCGCATTCAAATGGATAATGCTCAAGACTTGGATATAGGAATGAATG
 GTATCCTAACTATTCAATAAGCCCTAACCCCTATTTCTACCTTAAGTTAAAAGACAGTGGTAAAGGAAG
 AAGATATCCAGAGCTGGTACTGGCTAGATCTCTGGACAGAGAAAAGGAGGCTTCAATTAGCTTAATACTA
 ATAGCCATAGATGGTGGTCTTTGCCAGGACAGGGGCTGTACAGGTTCAAGTCGTGGTTCTGGACGTCA
 ACGACAATGCCCTGAGTTTGAATAAACCTGTATGAGGTCCAAGTACCAGAGAACAGTTCGGTGGACTC
 ACTAGTAATCAAGGTGTCTGCTAAAGATTTAGATTGAGGAATAAATGGAGAGGTATCTTACTCGTTTTCT
 CATATCTCTAGAGATGTACAAAAACATTCGAAATCCATCCAATCTCTGGTGAATCCACTTGAAAAACAG
 TCCTAGATTTTGAGGTAATTCGGTCTTATACAATAAATGTTCAAGCCATTGATGGTGGTGGTCTCTCTGG
 AAAATCAGCCATTATTGTTCAAGTTACAGACGTGAATGACAATCCACCAGAAATAGTCATTACATCCCTT
 ATGAGCCCTATCCAAGAGAACAGTTTATCAGAGATGGTGGTGGCATTTCAGTTTACGTGACCAAGGACT
 CTGGTGAAAAATGGGAGAATGATTGTTCAATTCAAGACAACTCCTTTTCTATTGAAACCTACTTTCAA
 AAATTTCTACACTCTAGTAACAGAGCATCCACTGGACAGAGAGAGCAGAGCTGAGTACAACATCACCATC
 ACTGTCTCTGACCTGGGCACACCCAGGCTCACACCCAGCACACCATAACAGTGCAGGTGGCAGACATCA
 ACGACAACGCCCCCGCCTTCACCCAGACCTCCTACACCATATTTGTCCAAGAGAACAATAGACCAGCCCT
 ACATATAGGCACCATCACTGCCACAGACTCAGACTCAGGCTCCAATGCCACATCACTTACTCGTGCTG
 CCATTCCACGACCCACAGCTGTCGCTCGCTCGCTCATCTCCGTTAACGCAGACAATGGGCAGTTGTTG
 CCCTCAGGGCACTGGACTATGAGACCTACAGACCTTAGAGTTCCATGTGGGTGCCACAGACGGAGGCTC
 GCCCGCACTCAGCAGCCAGGCTCTGGTGCCTGTGATGGTGTGGATGATAATGACAATGCGCCCTTCATA
 CTCTACCCGCTGCAGAACGCTCAGCACCTGCACTGAGCTGCTGCTAGAGCAGCAGAGCTGGATACC
 TGGTCACCAAGGTGGTGGCTGTGGATCGTGAATCTGGCCAGAATGCCTGGCTGTCTTTTCAGCTGCTCAA
 AGCCACGGAGCCCGGGCTGTTTACGATATGGGCACACAATGGTGAGGTGCGCACCAACAGGATGCTGAGT
 GAGCAGATGTGCCCAAGCACAACTGCTGCTACTGGTCAAGGACAATGGAGAGCCTCCGCGTTCTGCCA
 GTGTACAGCTGCACCTGTTGGTAGTGGATGGCTTCTCTCAGCCCTACCTGCCTCTGCCAGAGGTGGCGCT
 CGACCTACAAACGTGGATGAGGAAGCGCTCACACTCTCTTGGTCATTGCCTTGGCATCTGTGTCTTCT
 CTCTTCTTTTGTCTGTGCTGCTGTTTCGTGGGGGTGAGGCTGTGCAGGAAGGCCACGACAGCCTCTCTGG
 GTGGCTACTCTGTGTCTGAGGGACACTTCTTGCCACCTGGTGGACTTCAGCGGTGCAGAGACCTGTG
 CCAGAGCTACCAAGGTGTGTCTGACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001114604
Insert Size: 2274 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_001114604.1, NP_001108076.1</u>
RefSeq Size:	2918 bp
RefSeq ORF:	2274 bp
Locus ID:	307487
Cytogenetics:	18p11