

Product datasheet for **RN213503**

Pcdhb10 (NM_001114603) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb10 (NM_001114603) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213503 representing NM_001114603
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGACCCGCATCAGAGAAAAGGCAAGTCGTTTTCTTACTATATTGTTGCTATTGTGGAAGTCTGACC
 CTGAGACAATTAGATATTCAATGCCAGAAGAAACAGAGAGTGGTACTTAGTGGCTAATTTGGCAAAGA
 TCTTGGACTCAGGGTTGGAGAAGTGGCCACTAGAGGGGCACGAATCCATCACAAGGAAACAAAGACCTC
 TTGCAGCTGGATGCAGAGACTGGGAATTAATCCTGAAGGAAAAACCAGATCGTGAGGTGCTGTGTAGGG
 CGACAGAACCCCTGTGTGCTGCACCTCCAGATCATACTGGAAAACTCTGTACAGTCTTTCAAAGTGAATT
 GCAGCTCACAGATATAAACGACCATGCTCCAGAGTTCCTCCGACAGAAAAATGCTTCTAAAAATCTCCGAG
 AGCGCCACGCCAGGGACCATGTTTCTCTGAAGGCAGCTCAGGACCCTGACATAGGGAGCAATGCTGTTCC
 AGAACTACACAGTGAAGTCCCAACCTCCATTTCCACGTCATTACTCACAGTCGCACAGATGGCAGGAAATA
 CCCAGAGCTGGTCTGGACAGAGCCCTGGATAGGGAGGAGCAGCCTGAACTCACTTTAACCTCATTGCT
 CTGGATGGTGGAGCTCCTTCCAGGTGAGGAACCCACAGTTCACATTGAAGTTGTGGACATCAATGATA
 ACCCGCCCAAATTTGACCAGTCGCTCTATGAGGTGCAGATTCTGAAAAATAGTCCCTCAACGCCTTAGT
 CGCCACGGTTTCTGCCAGAGATTAGATGCTGGGATACACGGTACTGTAATCTACTCTCTGTTTCAAGGT
 GGTGAACATCTCAACCGTTTGAATAGATGAAGTCGCAGGAGAAATTCGTCTTAAAGGGACATTGGATT
 TTGAGGCAACTCCATATTATAACATAGAAATCGTAGCGACAGACCAGGAGGCTTTTCAGGAAAAATGCAG
 TGTGGCTATACAGGTGGTGGATGTGAACGACAACGCCCTAAACTCACCATATCTTCACTCAATAGTTCC
 ATCCCAGAAAAATGCTCCTGAGGCTGTAGTTGCTGATTTAGTGTCTTGAAGCCACATTTGAGAAGTATATAC
 TTTAGTAACAGAGAGGCCACTTGATAGAGAAGCAGAGCTGACTACAACATCACCATCACTGTCTCCGAC
 CTGGGCATACCCAGGCTCACAACCAACACACCATAATAGTGCAGGTGTCGGACATTAATGACAACGCTC
 CTGCCCTCAACCAAACTCATAACCCCTGTTGGTCCGCGAGAACAACAGCCCGCCCTGCACATAGGCAC
 CATCAGCGCCACAGACTCCGACACTGGCGCTAATGCCATATCAGCTACTTGCTACTGCCACTCTATGAT
 ATGCAGCTGGCCCTCACCTCTCTGGTCTCCATCAATCAAGAAAAATGGGCAGCTGTTCTGTGCTCAGGGCAC
 TCGACTATGAGACCCTGCAGACCTTCGAGTTCAGCGTGGGTGCCACAGCCATGGCTCACCCGCGCTCAG
 CAGCCAGGCTCTGGTGGGGTGGTGGTGTGGACGACAATGACAATGCGCCCTTCGTGCTCTACCCGCTG
 CAGAACGCCTCTGTGCCCTGCACCGAGCTGCTGCCAGAGCGGCAGAGCCAGGATACCTGGTACCAAGG
 TGGTAGCTGTGGACTGCGACTCTGGCCAGAATGCCTGGCTGTATTCCAGTTGCTCAAGGCCACAGAGCC
 CGGGCTGTTCAACGTGTGGGCGCACAATGGCGAGGTACGCACCACCAGGCTACTGAGCGAGCGCGATGTG
 CCCAAGCACAAGCTGCTGCTGGTGGTCAAGGACAATGGCGAGCATCAGCGCTCTGCTACAGTCACTGC
 ACGTGTGCTGGTGGATGGCTTCTCACAGCCCTACCTGCCTTTGCCAGAGGTGGCGGGGATCCCGTGCA
 AGATGATGAGGATGTGCTTACACTGTACCTGGTCAATGCCTTGGCATCTGTGCTTTCGCTCTTCTCTTC
 TCTGTCTGCTCTTCAATGGGATGAGGCTGTGCAAGAGGGCCAGGGAGGCTTCAATGGGCGTCTGCTCTG
 TGCTGAGGGCCACTTCTGCCACCTGGTGGATGTTAGCGGAACTGGGACTCTGTCCCAGAGCTACCA
 GTATGAGGTGTCTGACTGGAGACTCTGGAACGGTGGTGAATTCAAATTCCTTAAACCCATGATCTCCAAC
 TTAATGGTCCAGGACCTGGGAGAGAAGTGAAGGAAAGTCCCGCTGCAGGGATAGCTTTGTATTCAAGTT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001114603
Insert Size: 2382 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_001114603.1</u> , <u>NP_001108075.1</u>
RefSeq Size:	2548 bp
RefSeq ORF:	2382 bp
Locus ID:	291649
Cytogenetics:	18p11