

Product datasheet for **RN213717**

Pcdhb2 (NM_001109123) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb2 (NM_001109123) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb2
Synonyms:	RGD1563132
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN213717 representing NM_001109123

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGGAGGCTGGAGAGGAAATGGAGCAAATCCTGAAAAAAGGCAAGTCTGCTGTTCTTTGTTTGTCTGG
GCATAGCTCAGGCTGGGTCCACAATTAGGCGCTATTCGGTGGAGGAGGAAGCAGAGAACGGTTTTTTTGT
GGCAAATTTGTTGAAGGACCTGGGGCTGGAGGTAGAGGAACCTCGCTGAGCGGGGACCGCAGTAATTTCC
AAAGGGAAAAAATTGAACCTAGAATTCAATAGGCAAACAGGAGATTTGTTGTTAAGGGAGAAATTGGACC
GGGAGGAGCTGTGCGTCTGCTGAACCTGTGTGGTGCCTTTCCAGGTGTTACTGGGAAATCCTTTGGA
GATTTTTCAGGCTGAACCTACAGATTAGGACATAAATGACCATTCTCCGTTTTTCTGGACAAAAAATA
ATTTTGAAAAATTCAGAAATTACTGCTCCCGTACCATTCTTAATAGAACGTGCTCAAGACTTAGATG
TAGGAAGCAACAGTCTCCAACTTACTCAATCAGCCCCAATTTCCATTTTCATCTTAATCTACAAGACAG
TCCTGATGGCACAGTATTACCACAGCTGGTTCTGGACAAAGTGTGGATCGGGAGGAACGGTCTGAAATC
AGATTAATACTGACAGCTCTAGATGGGGGAATCCACCCAGGTCTGGTACTGTCCATATCCTTATTGAAG
TCTTAGACATCAATGACAATGCCCCGCGTTTTCAAAGCTTCGCTATGAGGTTCCAGTCCCAGAGAACAG
TCCTGTTGGATCCAGGTTGCCACTGTCTCTGCTAAGGATTTAGACATTGGAGACAACGGACAAATAACT
TATGCCTTTTCCCAAGCCTCTGAAGACATTGCGAAAACGTTTCGAATGAATGCAACATCCGGAGAAATCC
TTTTAGTAAAGACCCTGGATTTTGAATCCATCCAGGCATACACAGTATATGTTCAGGCCACAGATGGTGG
GGGACTTTCTGGAAGCAGTGTGGTGTGTTCAAGTAAAGGATTTGAATGACAACCTCCAGAACTGACT
ATGTCCACATTTACCAACCACATCCCGGAAAATGCCCGGAACTGTAATTGCTGTGTTCACTGTTGCAG
ATCCCGACTCTGGAGACAATGGAAAAATGGTTTGTCTCCATCCAAGAAGATCTTCTTTTGTCTAAAACC
CTCAGTTGAGAACTTGTACACTCTTATGACAAACACAGCCCTGGATCGAGAGACCAGAACACAGTACAAC
ATCACCATCACTGTCTCAGACATGGGTACACCCAGGCTAACAACCTCAGCACACCATAGCAGTGTACGTGT
CTGACATCAATGACAACGCCCCGCTTACCCAAACCTCTTACACCATATTTGTACGAGAAAAACAACAG
CCCCGCCCTGCACATAGGCACCATCAGTGCCACAGACTCAGACTCGGGCTCCAATGCCACATCACCTAC
TCTCTGTTACCTCCCAAGACCCTCAGCTGGCTCTCAACTCGCTCATCTCCATTAATGCAGACAATGGGC
AGTTGTTTCGCGCTCAGGGCGCTGGACTATGAGGCACTGCAGGCCCTCGAGTTCATGTGAGCGCCGTAGA
TGGAGGCTTGCCAGCGCTCAGCAGCCAGGCTCCGGTTCGCTGGTGGTGTGGACGACAATGACAATGCT
CCCTTCGTGCTCTACCCGCTTCAGAAGCCTCTGCACCCTGCACCGAGCTCCTCCCAGGGCGGCAGAGC
CAGGATACCTGGTCACCAAGGTGGTGGCAGTGGACCGGACTCTGGCCAGAATGCCTGGCTGTCATTCCA
GTTGCTCAAAGCCACGGAACCCGGGCTATTCAAGCTGTGGGCACACAATGGGGAGGTGCGCACCAACAGG
CTGCTGGGCGAGCGCATGTACTCAAGCACAGGCTGCTGCTCCTGGTTAAAGACAATGGCGATCTCCGC
GCTCTGCCAGTGTCACTCTGCATGTACTGCTGGTGGATGGTTTCTCACAACCTACCTACCTCTGCCAGA
AGTGGCGCGCAGCGTGCACAAGACGAGAACGCGCTAACACTCTATCTGGTCATTGCCTTGGCCTCTGTG
TCTTCTCTCTTCTCTGCTCTACTGCTGTTTCGTGGGGTAAGGCTGTGCAGGAGAGACAGAGCGACCT
CGCTGGGTGGCTGCTCTATGCCGAAGGTCATTTCTTGCCACCTAGTGGATGTTGGCGGCGCAGGGAC
TCTGTCCCAGAGCTACCAATATGAAGTATGCCTGTCTGGAGACACTAGGACCCAGATTTCAAGTTCCTG
AAACCAATTATCCAAATTTCTTCTTCAGAATTCAGAGAGAGAGAATGATACAAACCTAGTTACAGGA
ATAGTTTTGAATTCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001109123

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_001109123.1, NP_001102593.1</u>
RefSeq Size:	2400 bp
RefSeq ORF:	2400 bp
Locus ID:	498843
Cytogenetics:	18p11