

Product datasheet for **RN209911**

Pcdhb4 (NM_001114601) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb4 (NM_001114601) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN209911 representing NM_001114601

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGAGACAACGATAGCAAAAACGTCACAGCAAAGGCAAGTTGTTTTCTTACTATGTTGTTGCTTTTGC
GGGTGTCTGGTTCTGAGGCAATTAATATTCCATGCCAGAAGAAACAGAGAGTGGCTACTTGGTGGCTAA
CCTAGCAAAAGATCTGGGGCTCAGGGTTGGAGAACTGGCCACTAGAGGGGCACGAATCCATCACAGAGGA
AACAAAGAGCTCTTGCAACTGGATGCAGAGACTGGGAATTTGTTCTTGAAGGAGAACTAGACCGTGAGG
TGCTGTGTGGGCTGACAGAACCTTGTTGCTGCAGTTCAGATCATACTGAAAAACCTGTGCAGTTCTT
CCAACTGAATTGCAGCTCACAGATATAACGACCATGCTCCAGAGTTCCCTGACACAGAAATGCTCCTA
ACAATCCCTGAGAGCGTCCAGCCAGGGACTGTGTTTCTCTAAAGGCAGCTCAGGACTCTGATATAGGGA
GCAACGCTGTTCCAGAACTACACAGTCAGTCCCAACCTCCATTTCCACGTCGTTACTCACAGTCGCACAGA
TGGCAGGAAATACCCAGAGCTGGTGTGGACAGAGCCCTGGATAGGGAGGAGCAGCCTGAGCTCACTTTA
ATCCTCACTGCTCTGGATGGGGGTGCTCCACGCAGGTCTGGTATGACCGAGTTCATATTGAAGTCGTGG
ACATAAATGATAATGCCCCCAGTTTGTACAATCGCTCTATGAGGTGCAGGTTCTTGAGAATATCCCCCT
CGATGCCTTAGTTGTACAGTCTCTGCCACGGATTTAGATGCTGGGATATATGGCAATGTGGCCTATTCT
CTGTTTCAAGGCAGTAGAGATTCTCAACCATTTATAATAGACGAAATCACCGGAGAAATCCGCTGAGCA
AAGAGCTGGATTTGAGGTAACTCCATACTATAATGTGGAATCGCAGCGGTAGATGGAGGGGGGCTTTC
AGGAAATGCACTGTGGCTGTACAGGTGTTGGATGTGAATGATAACGCCCCAGAGTTGACCATTTCCACG
TTCTCAAGCCCTGTCCCTGAAAACTCCCCGAGACTGTAGTATTGGTTTTTGGGGTTTTTGACCAAGATT
CTGGGGACAATGGAAGGATGGTGTGTTCTATTGAGAACTGAACTTCCATTTCTTTTAAAGTCCACATTCGA
GAATATTATACTTTAGTGACAGAGAGGCCACTGGACAGAGAGAGCAGAGCTGAGTACAACATCACCATC
ACGGTCTCTGACCTGGGCACACCCAGGCTCACAACCCAGCACACCATAACAGTGAAGGTGTCTGACATCA
ACGACAATGCCCCCTCTTTCACCCAAACCTCCTACACCATGTTTGTCCACGAGAAACAATAGTCTGCCCT
GCACATAGGCACCATCAGTGCCACAGACTCAGACTCAGGCTCCAATGCCACATCACCTACTCTCTGCTG
CCGCTGATGACCCGAGCTGGACCTCGACTCACTCATCTCCATCAATGCTGACAACGGGCAGCTGTTTCG
CGCTCAGGGCGCTGGACTATGAGGCCCTGCAGTCTTTGAGTTCTTGTGGGCGCCACAGATGAAGGCTC
GCCAGCGCTCAGCAGCCAGGCACTGGTGCAGTGGTGGTGTGGACGACAATGACAATGTGCCCTTCGTG
CTCTACCCGCTGCAGAATGCCTCTCCGCCCTGCACAGAGCTACTGCCAGGGCAGCAGAGCCTGGCTATC
TGGTCACTAAGGTGGTGGCTGTGGACCAGGACTCTGGCCAGAATGCCTGGCTGTGCTTCCAGCTGCTCAA
GGCCACAGAGCCTGGGCTGTTCACTGTGTGGGCACACAATGGCGAGGTGCGCACCCGCCAGGCTTCTGAGC
GAGCGCGACGTGCCCAAGCACAAGTTGCTGCTACTGGTCAAGGACAATGGAGAGCCTCAGCGCTCTGCCA
GTGTCACTCTGCACGTGCTGCTGGTGGATGGTTTCTCTCAGCCTTACCTGCCTCTGCCAGAGGTGGCGCT
GGACCCTACATACGATGAAGATAATCTCACGCTGTATCTTGTAGTCGCCTTGGCATCTGTGCTTCTCTC
TTCCTCTGTCTGTGTTGCTGTTCTGTTGGCGTGAGGCTGTGCAGGCGGGCCAGGGCTTCTCTCTGGGAG
GCTACTCTGTGCCTGAGGGACACTTACCCAGCCACCTGGTGAATGTCAGCGGTATGGGGACGCTGTCCCA
GAGCTACCAGTATGAGGTGTGCTGATGGGGGAATCTGGGACCACAGATTTTAAGTCTGAAGCCACAGC
ATTCCTAACAGTTTGATTGCAGACAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001114601

Insert Size:

2340 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_001114601.1, NP_001108073.1</u>
RefSeq Size:	2540 bp
RefSeq ORF:	2340 bp
Locus ID:	291655
Cytogenetics:	18p11