

Product datasheet for **RN212876**

Pcdhb5 (NM_001114602) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb5 (NM_001114602) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN212876 representing NM_001114602

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGAAGCTGGAGAGAAATCATGCAAACAGGCAAGTATTCTTTCTTTTATGCTGCTTTGGGGTC
AGGTTCTCATGGTGCCTACTCGGTACTCTGTCTTGGAGGAAGCTGAAAGAGGCTCCTTTGTAGCCATCT
GGCCAAGGATCTGGGGCTGGGAGCTGGGAGCTGGCTGCCAGGTCTGCACGGGTGGTGTCTGACTTTGAC
AACCAGCAATTCATGGTGGATCCGGACTGGAGATTTGCTTCTGAGGGAGAACTAGACAGGGAGGAAT
TGTGTGGCTCTGTGGATCCCTGTGTGATGCATTCCAGGTGTTCTAGAAAAACCAGTGCAGTTTTTTCA
AGGAGAATTATTGATCCAGGATATAAATGACAACCTCGCCAGAATCCAGATAAAGAATTGCTCTTGAAA
ATACCGGAAAACAGCCAGCCAGGCACGCGGTTTCCATTGAATTTAGCCCAGGATTTGGATGTGGGCAGCA
ATGGACTTCAAGAGTACAGAGTACAGACCAACCCTCATTTTCATGTCCTCACTCGAAATAATAGTGAAGG
CAAGAAATACCCAGAGTTGGTACAAGACAGAGCCCTGGACAGAGAGGAGCAGGCAGAATTGAGCTTAACG
CTCATGGCTCTGGATGGCAGGTCTCCACCTAGGTCAAGAACAGCTCTGGTTCGAATCCTGATCATGGATA
TCAATGACAATGCTCCTGAGTTTGTGAACAGCCCTACGAGGTGCAGGTCCCAGAGAGCTGTCCCCCAGA
CTCCCCAATTCTGACTGTCTTAGCACCGGATGCAGATGCTGGCAACTTTGGGAGTGTTCCTATGGCTTG
TTCCAAGCATCAGATGAAATCCAGAAAACCTTTCTCAATAAATGAAGTCACTGGAGAAATACGGCTGAAGA
AGGAATTTGGATTTTGAAGAAAACCTGAATCATACCGTGTAGAGATTGAGGCCACAGATGGAGGAGGGCTTC
TGGGAAAGGATCTGTGGTGTAGAGGTGTTGGATGTGAACGACAATGCCACAGAGCTGACCATATCTTCA
CTGACCAGCTCAGTCCCAGAAAATGCTCCGAAAACCTGTGGTTGCTATTATCCGAATACAGATAGAGATT
CTGGAGACAATGGAAAAATGATTTGCTCTATTTTCAGATCATGTGCCATTCATTTAAAACCTCTTACAA
GAACTTTTTACACTCTGGTGACAGAGAGGGCACTGGACAGAGAGAGCAGAGCTGAGTACAACATCACCATC
TCAGTCTCGGACCAAGGCACACCCAGGCTCACAAACCAGCACACCATAACAGTGCAGGTGTCTGACATCA
ACGACAACGCCCTGCCTTACCCAAAACCTCCTACACCATGTTTGTCCACGAGAACAACAGCCCCGCCCT
GCACATAGGCACCATCAGTGCCACAGACTCAGACTCAGGCTCCAATGCCACATCACCTACTCACTGCTA
CCGCCCTATGATCCACAGCTGGCCCTCGACTCGCTCATCTCCATCAACCAGACAATGGGCAGCTGTTTCG
CGCTCAGGGCGCTGGACTATGAGGCCCTGCAGGCCTTCGAGTCCGAGTGGCCGCCACAGATGGAGGTTT
ACCCGCGTAAGCAGCCAGGCTCTGGTGCCTGTGATGGTGTGATGACAATGACAATGCACCCTTCGTG
CTCTACCCGCTGCAGAACGCTCTGCACCCTACACAGAGCTGCTTCCAGGGCAGCAGAGCCGGATACC
TGATACCAAGGTGGTGGCAGTGGACCCGACTCTGGCCAGAACCTCTGGCTGTGCTTTCAGCTGCTCAA
GTCCACGGAGCCCGGTTGTTTCAGTGTGTGGGCGACAATGGCGAGGTGCGTACCACCAGGCTGCTGAGT
GAGCGCATGTGCCAAACACAGGCTGCTGCTGGTGGTCAAGGACAATGGTGAAGCTCCACGCTCTGCCA
GCATCACACTGCAGGTGGTGTGTTGGATGGCTTTTACAGCCTTATCTGCCACTGCCTGAGGTAGCTCG
TGACTCTGCAAAGGATGATGCGGACTTGTCTCACGCTCTATCTGGTCATCGCTTGGCCTCTGTGTCTTCT
CTATTTTGTGTCTGTGCTGCTGTTTCGTGGGGGTGAGGCTGTGCAGGAGAGCAAGGCAGCCTCTCTGG
GTGACTGCACTGTGCTGAGGGCCACTTTCCTGGCCACCTGGTAGATGTCAGTCGTGCAGGGACCCGTGC
CCAGAGCTACCAGTATGAGGTGTGTCTGACAGGAGACTCTGGGCTGGTGAAGTTCAAATTCCTTAAATCC
ATGGTCCCAACCTAATGGTTCAGGACCCTGGGAGAGAAATTCGGGAAAATCTTCATTGCAGGGATAGCT
TTGTATTCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001114602

Insert Size:

2394 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_001114602.1</u> , <u>NP_001108074.1</u>
RefSeq Size:	2583 bp
RefSeq ORF:	2394 bp
Locus ID:	291654
Cytogenetics:	18p11