

## Product datasheet for **RN215434**

### **Pcdhb3 (NM\_001014783) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhb3 (NM_001014783) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215434 representing NM\_001014783  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGGCCAGAGAGGAACGCCCTTCTTAAACAAAGGCAAGTCTTGCTTCTTTGTTTTCTGGTGGGT  
 CTCTTGCTGGGTCGCATCCAGGCGCTATTCTGTGGCTGAGGAAACAGAGAGGGCTTCGCAATAGCCAA  
 TCTAGCGAAGGATCTGGGGCTTAGTGGAGAAGAACTGGCTGAAAGGAGAGCTCAAGCTATCTCAAAGGG  
 AACGTACAGTATTTTCAGCTCAGCCATCAGACCGGAGATTTGCTCTTGGTTGAGAGATTAGACGGGAGG  
 AGCTGTGCGGCTCGACCGAACCTTGTGTGCTGCACTTTTCAGATATTGCTGCATAATCCTTTGCACTTTAT  
 TACAAATGAGCTCGAGGTCATAGATGTAATGACCATGCCCGGAGTTCTTTGAAATGCAATGCAGCTG  
 AAAGTCTAGAGAGCTCCACCTGGAACAGTGATTCTCTGGGAAATGCTGTGGACTTGGATGTGGGAA  
 GAAATGGACTGCAGAATTACACGGTCTCTCCAAGTCCCATTTTCATGTTTCATACCCGCCATCGTAGAGA  
 TGAAGGAAGTATCCAGAACTAGTTCTACACAGAGCTCTGGATCGGGAAGAACAGCCAGAGCTCAGTTTA  
 ACTCTCACAGCCCTGGATGGAGGATCCACCTCGGTCTGGAACCTACCCAGGTCACATCTAGTCTTAG  
 ACATAATGACAATGCCCGAATTTACACAGTCACTCTATGAGGTTCAAATTTAGAGAAAAGCCCTGT  
 TGGCTCTGTCACTTACCACTGTCTCCGCTTCTGACTTAGATACGGGAAATTTGGTGCGATATCATACGTA  
 TTTTTTCATGTTCTGAAGAAATTTCAAACTTTTCACTGAACTCCAGTACTGGTAATATACAACCTAC  
 TTAAGAGTTTGGATTATGAAACAATCAATACTTATGAGTTGACATAGAGGCAAGGATGGTGGAGGCT  
 TTCAGGAAATGCGTAGTCATAGTTCAGGTAGTTGATGTGAACGATAACCCACGAACTGACATTGTCA  
 TCAGTTAACAGTCTTATCCCGAGAATTCAGCAGAGACCGTGGTGGCTGTTTTCAGTGTCTGATTTAG  
 ACTCTGGAGATAACGGAAGAGTGACATGTTCCATCCAGGACGATCTCCCTTCATCTGAAACATCACC  
 AGAGAACTTCTATACTATAGCGTCTGAAGGAGCTTTGGACAGAGAGAGCAGAGCTGAGTACAACATCACC  
 ATCACTGTCTCAGACCTGGGCACACCCAGGCTCACAACCCAGAACACCATAACAGTGCAGGTGTCTGACA  
 TCAATGACAACGCCCCGACTTTACCCAAAAGTCTACACCATGTTTGTCCGTGAGAATAACAGCCCGC  
 CCTGCACATAGGCACCATAGTGCCACAGACTCAGACTCAGGCTCCAACGCCACATCACTTATTCGCTG  
 CTGCCGCTGATGACCCGCAACTGGCCCTCGACTCGTCACTCCATCAATGCTGACAATGGGCAGCTGT  
 TCGCTCTCAGGGCATTAGACTACGAAGCCCTTCAGGCCTTCGAGTTCGCGTGGACGCCACAGACAGAGG  
 CTCACCCGCGCTCAGCAGCCAGGCTCTGGTGCCTGATGGTGTGGACGAAAATGACAATGCTCCCTTC  
 GTGCTCTACCCACTGCAGAACGCTCTGCGCCCTGCACAGAGCTGCTGCCAGGGCAGCGGAGCCTGGAT  
 ACCTGGTTACCAAGATGGTGGCGGTGGACTCTGACTCTGGCCAGAATGCCTGGCTGTATTCCAGCTGT  
 CAAAGCCACGGAGCCCGGACTGTTACAGCGTGTGGGCGCAATGGTGGAGTGGCACCACAGGCTGCTG  
 AGCGAGCGTGATGTGCCAAGCACAAGCTGCTGCTACTGGTCAAGGACAATGGAGAGTCTCCGCGGTCTG  
 CCAGTGTCACTCTGCAGGTGCTGCTTGTGGATGGCTTTTCTCAACCCTACCTGCCCTTGCCTGAGGTGGC  
 GCGGACTCCCTGCAAAACGATGTGGATTTGCTCACGTTGACTTAGTCATTGCTTTGGCATCTGTATCT  
 TCTCTCTCTCTGTCTGTGCTGCTGTTTGTGGGGTGGAGACTGTGCAGGAGGGTCAGGGCAGCTTCTA  
 TGGGTGGCTGCTGTATCTGAGGGACTTTCTGGCCACCTGGTGGATGTGAGCAAGCAGGGACCCT  
 GTCCCAGAGTTACAGTATGAGGTGTCTGACAGGAGACTCAAGGACCAGTGAATCAAATTCCTGAAT  
 CCAGTGATACCAACCTGTTTCTGAAGAATCTGAGAGAAGT**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001014783  
**Insert Size:** 2355 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001014783.2</a></u> , <u><a href="#">NP_001014783.1</a></u>
<b>RefSeq Size:</b>	2555 bp
<b>RefSeq ORF:</b>	2355 bp
<b>Locus ID:</b>	291656
<b>Cytogenetics:</b>	18p11