

## Product datasheet for **RN208524**

### **Pcdhb6 (NM\_001014780) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhb6 (NM_001014780) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208524 representing NM\_001014780  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGACAGCGCTAGCAAAAACACCAGAGAAAAGGCAAGTGGTCTTTCTTGCTCTATTGTTGCTATTGT  
 GGGAGGCTGGCTCTGAGGCAATTAGCTATTTCGATGTCAGAAGAAACGGAGAGTGGCTACTTGGTAGCTAA  
 CCTGGCAAAAGATCTGGGGTTCAGGGCTGGGAACTGGCCACTAGAGGGGCACGAATCCATCACAGAGGA  
 AACAAAGACCTCTTGAGCTGGATGCAGAGACAGGAAATTTGCTTCTGAAGGAAAAGCCAGATCGCGAGG  
 CACTGTGTGGGGCAGAGAACCCTGTGTGCTGCACTTCCAGGTCATACTGGAAAACCTGTGCACTTCTT  
 TCAAACAGACCTGCAGCTCACAGATATAAATGACCACTCTCCAGAATTCCTGACACAGAAATGCTCCTA  
 AAAATTCAAGAAATTGCCAGCCAGGAAGTGTGTTTCTCTGAAGGCAGCTCAGGACTCTGCATAGGGA  
 GCAACGCTGTTCCAGAACTACACAGTCAGTCCCAACCTCCATTTCCACGTCGTTACTCACAGTCGCACAGA  
 TGGCAGGAAATACCCAGAGCTGGTGTGGACAGAGCCCTGGATAGGGAGGAGCAGCTGAGCTCACTTTA  
 ATCCTCACTGCTCTGGATGGGGGTGCTCCACCCAAGTCTGGGACAACGACGGTTCGAATTGAAGTCGTGG  
 ACATCAATGATAACGCTCCCAATTTGTAAGTCTCTCTATGCTGTGGAGGTCCTGAAGATAGTCCCT  
 CAATGCCTTAGTTGTCACAGTCTCTGCCAGAGACTTAGATGCTGGGATACATGGCAATGTAGCCTATTCT  
 CTGTTTCAAGACTCCGGAGGTTCTCCGCCATTTGTAATAGATGAAATTTCCAGGAGAAATTCGCCTTAAAG  
 GGGCATTGGATTTTGGAGCAACTCCATACTATAACATGGAATTTAGCCACAGACAGCGGAGGTCTTTT  
 AGGAAAATGCACTGTGGCTATACAGGTGGTGGATGTGAACGACAACGCCCTAAACTCACCATATCTTCG  
 CTCACCTGTTCCATCCCAGAAAATGCTCCTGAGGCTGTAGTTGCTGTTTTCAAGTCTTCTGACCCAGATT  
 CTGGGGATAATGGAAGGATGGTTTGTCTACTCAGAACGAACCTCCATTTCTTTTGAAGCCTACATACGA  
 GAATTACTACACTTTAGTGACAGAAGGGCCACTAGACAGAGAGAGCAGAGCTGAGTACAACATCACCATC  
 ACTGTCTCAGATCTGGGCACACCCAGGCTCACAACCCAGCACACCATAACAGTGCAGGTGATGGACATCA  
 ATGACAATGCCCTGTCTTTACCCAAACCTCCTACACCATGTTTGTCCACGAGAACAACAGCCCCGCCCT  
 GCACATAGGCACCATCAGTGCCACAGACTCAGACTCAGGCTCCAATGCCACATCACCTACTCGTGCTG  
 CCACCTCGAGACCCACAGCTGTCTTGCCTCACTGGTTTCAATCAACATAGACAATGGGAGCTGTTTCG  
 CACTCAGGGCGCTGGACTATGAGGTCTGCAGGGCTTTGAGTCCGCGTGAGCGCCACAGACCAAGGGTC  
 TCCCCAGCTCAGCAGTCAGACTCTGGTGTGAGCGTGGTGGTCTGGACGACAATGACAATGCGCCCTTCGTG  
 CTCTACCCACTGCAGAACGCTCTGCATCTGTACCGAGCTGCTGCCAGGGCAGCAGAGCTGGCTATC  
 TGGTCACTAAGGTGGTGGCTGTGGATCGCGACTCTGGGCAGAATGCCTGGCTGTCATTCCAGATGCTCAA  
 GGCCACAGAGCCTGGGCTGTTACGCGTGTGGGCGCACAATGGCGAGGTGCGCACCACCAGGCTTCTGAGC  
 GAGCGTGTATACCCAAGCACAGGCTGCTGTTGCTGGTCAAGGATAATGGCGAGCCTCCACTCTCTGCCA  
 GTGCACTCTGCAGGTAAGTGTGGATGGCTTCTCTCAACCTACCTGCCTCTGCCAGAGGTGAGGGC  
 TGACCCCTCACAAGAGGAAGACTTGCTTACTCTGTACCTGGTTGTTGCCTTGGCCTCTGTGCTTCGCTG  
 TTCTCTGTCTGTGTTATTGTTTCGTGGGAGTAAGGTTGTGCAGGAGGGCCAGGGAGACCTCTCTGGGTG  
 CCTGCTGTGCTGAGGGACACTTTCTGGCCACTTGGTGGATGTCAGTGGTATGGGGACATTGCCCCA  
 GAGCTACCAGTATGAGGTGTGTCTGACCGGAGATTCTGGGACAACAGATTCAAATTTCTGAACCATCAT  
 TCCCAATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001014780  
**Insert Size:** 2319 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_001014780.2</a></u> , <u><a href="#">NP_001014780.1</a></u>
<b>RefSeq Size:</b>	3363 bp
<b>RefSeq ORF:</b>	2319 bp
<b>Locus ID:</b>	291653
<b>Cytogenetics:</b>	18p11