

## Product datasheet for **MC221821**

### **Pcdhb1 (NM\_053126) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhb1 (NM_053126) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb1
Synonyms:	PcdhbA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221821 representing NM\_053126  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAGCTGCGCGCAGGAAGCCTTTGCAGAACAGGCAGGTGGGCTCTCTTTTCTCTCTGGTGTGTGT  
 CTGTGGGAGGCGCGCCACAATCCGCTATTCGGTGGCGGAGGAGATGGAGAGCGGTTTCGTTTGTGGCTAA  
 TGTGGCTAAGGACCTAGGGCTAGAGGTGGGAAGCTGGCAGAGCGTGGGCGCGTCTAGTTGCCAGGGT  
 AACAGGTTGCATTTCCGGCTCCACCGCAAGACTGGAGATTTGTTTCGTCAAAGAGAAAAGTACGCGAGG  
 CACTTTGTGGCAAATCTGACCCGTGTGTCTGCTGCTTTTAAATTTCTGGCCGAGCCGCTGCAGTCCTT  
 CCGGGTGGAAAGTCAGAGTATTTGATATCAACGACAATGCACCAGTTTTTCTAAACAAAGAGCCTCTTTTA  
 AAGATTCAGAGAGCACCCCTTGGGCTCAGCTTTTCCACTGCAGAGTGGCCAGGATTTGGACGTGGGAC  
 TCAACGGTCTCCAAAACACACCCTGAGTGCAACACCTATTTCCACCTGCACACAGCTCCGAAGCCA  
 CGGTCTAAATATGCAGAACTTGTGCTGGATAATCCCCTGGATAGAGAGGCGCAGCTGAAGTCAACTTG  
 ACCATTACAGCTGTGGATGGTGGTCCCCTCCCAAGTCTGGCACCGCCAACATTCGAGTGGTTGTCTGG  
 ACGTCAATGACCAGTGGCCAGTTCTCTCGCTTGGTGTACCGTCTCAGGTGCCAGAGAACAGCGACAA  
 TGGCTCTTTGGT  
 TTAGCTGAAAAATCCAGAAGCAGTTCTACGGACATTTCTTGTGATCCACAACCGGAGAAGTTCCGACTCC  
 GTGGGCCCTAGATTTTGAATGATAGAAAACATACGACATTGACATTCAAGCTACAGATGGAGGGGGTCT  
 TTCTGCCACAGCAAAGTCTTGGTGAAGTGGTGGATGTTAACGACAATCCTCCGGAAGTGACAATCTCC  
 TCGGTGCCAGCCCTCTCTGAGGACTCTGCACCTCCAGACTGTAGTTGCTCTTCTCACTATCCGAGACC  
 GGGATGTGCGAGTTGGAGGAAAAACACCTGTTTCTCAAAGAAGATTTGCCTTTTGTAGTCAAACATA  
 ATTCCGGAATTTACTCGCTGGTCACTGACAGAAGCTTGGATAGAGAGGATGTCTCCAGCTATAATATC  
 ACCCTTGTGCCATGGATACTGGACCACCAATCTGTCCACAGAGACTGTGATTGAAGTGGTAATAGCTG  
 ATGTAATGACAATCTCCAGTCTTCCAGGAGGATTCCTACGCTTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
 TGCAGTTTTTATGGCAAAGTCCACGCCGAGGATCTAGATTTGGGTGAAAATGCCCAAGTAACTACTCC  
 CTGCTGCCTCAAAGAGTGGTATCTGTGAGTCTTTGCTTACATCTCCATAAACTCAGATAATGGAAAGC  
 TCTATGCACTAAGAACCATGGATTATGAGGCCATTCAAGACTTTCAGTTTGTAGTAAAGGCAACTGATGG  
 TGGTTTTCTGCTGTGAGTAGCGAAGTACTGTCAGAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
 ATGATCTTGTACCACTGCAGAATGGCACTTTGCCCTGCAATGACCTAGTACCAAGTCTGCAGAGGCAG  
 GATACCTGGTGACCAAAGTAGTAGCTGTTGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
 TCTTAAAGCCACAGACCTTGGGTTATTTCTGTTCAAAGACAAAATGGGGAAATACGTACTGAGGCAG  
 ATATCTGAGAGAGACCCATGATGCAGAACTGGTCACTTCTTGTTCAGGATCATGGCCAACCAGCTCTCT  
 CCACTACGGCCTCACTTAACATCCTGCTGGTAGATGGCTTTTCAGAGCCATACTTGCAGTTCAGGATCC  
 ATCCAAGCATTCTAGAAAGGTAATCCAACCACAAAATATTTGGTCACTTCTCTGCTGTGCTTTCTTTT  
 CTTTTTCTTGTCTGTCACTGTGATCTTTATTATACCTCTACCAGAAGATTAACACAGAGACAAAT  
 TCACAATTCAAGAGCACTTCTATGATGACTGTAATTTCCCTAACAACTTGGTTCAAGGAAGAGGCAATGG  
 TTCCTTATCTCAGCCTTGTCCATATGATATGTCTCAGCCACGGAACTGGGAATAGTGAATCCGTTT  
 CTTAAGCGATTTATGCCCAATTTCCATTCCCCATGCCACTGGAGAGGTGAAAACAGAGGATGACTCCA  
 GTTTGCCTCCAGTTCTAATAAAAATCGGTCTCGGGTTCAGCGGCCATGACCGGATAGGAGATGAGTA  
 TATGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_053126  
**Insert Size:** 2457 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>	<a href="#">NM_053126.1</a> , <a href="#">NP_444356.1</a>
<b>RefSeq Size:</b>	2457 bp
<b>RefSeq ORF:</b>	2457 bp
<b>Locus ID:</b>	93872
<b>Cytogenetics:</b>	18 B3