

## Product datasheet for **MC221717**

### **Pcdhb11 (NM\_053136) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhb11 (NM_053136) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb11
Synonyms:	Pcdhb5E; PcdhbK
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221717 representing NM\_053136  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGACAGCGCTAGCAAAAATGCCAGAGCAAAGGCAAGTCTTTTTTCTTACTATCTTGTGTCTGTGT  
 GGAAGTCTGGCTCTGGGGCAACTAGATATTCATGCCAGAAGAAAAGGAGAGTGGCTATTTGGTGGCAAA  
 CGTGGCAAAAGATCTGGGGCTCAGGGTTGGAGAAGTGGCCACTAGAGGAGCTCAAATCCATTACAAAGGA  
 AACAAAGAGCTCTTGAGATGGATGCAGAGACTGGGAATTTGTTCTTAAAGGAAAAACTAGACGGGAGG  
 CACTGTGTGGGGCAGACAACCCGTGTGCTGCACCTCCAGGTCACTGGAAAACCCGTGTGCATTTCT  
 CCAAAGTGAAGTGCAGCTCACTGATATAAACGACCACTCTCCAGAGTTCCCTGACAGGAAATGCTTCTA  
 AAAATCCCTGAGAACGCCAGCCAGGAAGTGTGTTTCTCTGAAGGCAGCCAGGACTCTGCATAGGGA  
 GCAATGCCGTTCCAGAACTACACAGTCAGTCCCAACATCCATTTCCAGTCACTACTCACAGTCGCTCAGA  
 TGGCAGGAAATACCCAGAGCTGGTGTGGACAGAGCCCTGGACAGGGAGGAGCAGCTGAGCTCACTTTA  
 ATCCTCACCGCTCTGGATGGGGGTGCTCCGCCTCGGTGAGGAACCACTATAGTTCACATTGAAGTCGTGG  
 ACATCAATGATAACGCCCCCAAGTTTATACAGTCACTCTATGAGGTGCAGATTCTCGAAAATAGCCCAT  
 TGATACCTTAGTTGTACAGTCTCTGCCAGGGATTTAGATTCTGGGATATATGGCAATGTAGCCTATTCT  
 CTGTTTACAGGTGATGGATTATCTCAACATTTGTAATAGATGAAGTACAGGAGAAAATCCGCTTAGCA  
 AAGAGCTGGATTTTCAGGGAAATAGCCATTATAACATAGAAAATCGCAGCCACTGATGGGGGAGACTTTT  
 AGGAAAATGCACTGTGGTTATACAGGTGTTGGATGTGAATGACAACGCTCCAGAGTTGATGATCAGGAAG  
 CTCACAGTCCCTGTCCCGAAAATTCGCCGAGACTGTAGTTGCTGTTTTAGTGTCTGATTTCTGATTGAT  
 CGGGGGACAACGGAAGGATAGTGTCTTATCCAGAACAATATCCATTTCTCGAAAACCCAGCTTTGA  
 GAATTACTACACCTTAGTGACCGAGGGGCCACTTGATAGAGAGAGCAGAGCTGAGTACAATATCACCATC  
 ACTGTCTGGGATTTGGGCACACCCAGGCTCACAACCCAGCACACCATAACAGTGCAGGTGTCTGACATCA  
 ACGACAACGCCCTGCCTTCACACAAAACCTCCTATACCCTGTTTGTGCAAGAGAACAACAGTCCCGCCCT  
 GCAGATAGGCACCATCAGCGCCACAGACTCAGACTCAGGCTCCAATGCCACATCACCTACTCGTGCTG  
 CTGCCCAAGACCACAGCTGGCCCTTGCTCGCTAATCTCCATTAACCCGACAACGGGCAGCTGTTG  
 TACTCAGGGCACTGGACTATGAATCCCTGCAGGCCTTCGAGTTCGCGTAGGGCCACAGACCAAGGCTC  
 TCCTGCACTCAGCAGCCAGACTCTGGTGCAGCTGGTGGTGTGGATGACAATGACAATGCGCCCTTCGTG  
 CTCTACCCGATGCAGAACGCTCTGCGCCTTGACAGAGCTGCTGCCAGGGAGGCGGAGTCTGGCTACC  
 TGGTACCACAGGTGGTGGCTGTGGATCGGACTCTGGCCAGAATGCTTGGCTGTGCTTCCAGTTGCTCAA  
 GGCCACGGAGCCCGGGCTGTTACAGCTGTGGGCGCAATGGCGAGGTGCGCACCAACAGGCTGCTGAGC  
 GAGCGCATGTGCCAAGCACAGGCTGCTGCTGGTCAAGGACAATGGCGAGCCTCAGCTCTCTGCCA  
 GTGTCACACTCAAGTGTACTGGTGAATGTTTTCTCAGCCCTACCTTTCTCTGCCTGAGGTGGCACA  
 GGACCCCATTCAGGAGGATGGAGAGATGCTCACTCTGTACCTGGTCATTGCCTGGCTCCCGTGTCTTCG  
 CTCTTCTCTTGTCTGTCTTATGTTTGTGGGAATGAGGTTGTGCAGGAGGGCCAGGGAGGCTTCTCTGG  
 GTGCTGCTCTGTGCCTGAGGGCCACTCCCTGGCCACCTGATGGATGTTAGCGGAACGGGACTCTGTC  
 CCACAGTATCAGTATGATGTGTCTATCAGGAGACTTAGGACTGGTGAAGTTAAATTCCTCAAACCC  
 ATGATTCCAATGTAATGGTCCAGGAGGCTGGGAGAGAAGTGAAGGAAAATCCCCCTGCAGGGATAGCT  
 TTGTATTCAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_053136  
**Insert Size:** 2394 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_053136.3</a> , <a href="#">NP_444366.3</a>
<b>RefSeq Size:</b>	3615 bp
<b>RefSeq ORF:</b>	2394 bp
<b>Locus ID:</b>	93882
<b>Cytogenetics:</b>	18 B3