

## Product datasheet for **MC221720**

### **Pcdhb19 (NM\_053144) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhb19 (NM_053144) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb19
Synonyms:	Pcdhb11; PcdhbS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221720 representing NM\_053144  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGAATCAAGAGGGACTCTATCTGCAGACAAGGCAAGTCCTGCTTCTTTGTTTTCTAGGAATGT  
 CTAAGCACACTCTGAGGCTGGGAGACTTTCAGTGGTGGAGGAAATGCTGAGTGGGCCTTGGTAGGGAA  
 TTTGGTAAAGGACCTGGGGCTCCAGGTGGATGAGCTGTCTGCACGAGAGGCTCAAGTGGCCTCTAGTGAT  
 AATAAACTGCCTTTGCAATTGAACATAAATACAGGAGATTTGCTCCTTAGTGAACCGCTGGACAGGGAGG  
 AGCTGTGTGGCTCCACTGAGCCCTGTGTCTCATTTCAGGTGTACTGAAAAACCCCTTAAAGATTTT  
 GCAAGCTGAGCTCAGGTCACGGATGTAATGACAACCTCCCCGTATTCTTGAAAAGGAGATGGTTTTA  
 GAAATCCCAGAGAACAGCCCTGTGGTGTGTCTTGTGGAAAGTGCATCGATTTAGATGTAGGAA  
 TCAATGCTGTTAAAGCTACGAGATAAGCCAGAACTCTCATTTCACGTTACCATGAGAGTTAATCCCGA  
 TGGCAGGAAATACCCAGAGCTAGTTTTGGACAAGGCGCTGGATTACGAGGAGCAGCATGAGCTTCGTCCTC  
 ATCCTCACTGCTTTGGATGGAGGGACGCCACCCAGGTCTGGGACTGCATTGGTCCGAGTGGAGGTCATAG  
 ATATTAACGACAACCTCCCCGAGTTTGACCACATGTTCTATGAAGTGACGGTCCAGAGAATAGCATGCT  
 TGGCTCACTGCTTACTGCTCGCTTGGGATTTAGACTCAGGAATTAATGGTGAAGTATCGTACGCC  
 TTTTCCATGCATCAGAGGATATTCGAAAAACATTTGCAATTAATGAACATTCTGGAGAAATACGTTTAA  
 AAGGCTATTTGGACTTTGAAACAACCTGAATCCTACTCGATAATCATTAAAGCTACTGATCGGGGAGGACT  
 TTTTGGGAAATCTACAGTAAGAATTCAGGTGATGGATGTGAACGACAATTTTCTGAAATCATTGTGTCA  
 TCGTTTATCAGTCCAATCCCAGAAAATACCGCAGAGACTTTAGTTATGATTTTTAGCATTGAGACAAGG  
 ACTCGGGTGAGAATGGCAAGATGGTGTACTATTCCGGAGGGTCTCCGTTTGTGCTAAAATCTTCTAT  
 TGAAAATTACTACCACCTTAGAAAACGGATGGCACTGGACAGAGAGGCATAGCTGAATACAACATCACC  
 ATCTCTGTTACAGACCTGGGCACACCCAGGCTCACAACCCAGCACACCATAATAGTGCAGGTGGCCGACA  
 TCAATGACAATGCCCTGCCTTACCCAAACCTCCTATACCATGTTTTTCCATGAGAACAACAGCCCTGC  
 ATTGCACATAGGCACCATCAGCGCCACAGACTCTGACGCTGGCTCCAATGCCACATCACCTACTCGCTG  
 ATGTCTGCTCAGGACCTCAAATGGCCCTCCTCGCTAATCTCCATTACGCTGACAACGGGCAGCTGT  
 TCGCGCTCAGGGCGTGGACTATGAGGTCCTGCAGGCCTTCGAGTTCCAAGTGGTGGCAGACAGCCGAGG  
 CTCACCTGCACTCAGCAGCCAGGCTCTGGTGCCTGGTGGTGTGGACGACAATGACAATGCGCCCTTC  
 GTGCTCTACCCGATGCAGAACGCTCTGCTCCCTGCACAGAGCTGCTGCCAGGGCGGGAGCCCGGAT  
 ACCTGGTACCAAGGTGGTGGCTGTGGATCGCGACTCTGGCCAGAATGCCTGGCTGTCTGCCAGCTGCT  
 CAAGGCTACAGAGCCAGGGCTGTTACAGCGTGTGGGCACACAATGGCGAGGTGCGCACACCAGGCTGCTG  
 AGCGAGCGCGATGCACCAAGCACAGGCTGCTGCTGCTGGTCAAGGACAATGGCGATCCTCCGCGCTCTG  
 CCAGCGTCACGCTGCACGTGCTAGTGGTGGATGGCTTCTCTCAGCCCTACCTGCCTGCCAGAGGTGGC  
 GCGCAATCCAGCGCACGAAGAGGACGCCCTAACCTCTACCTAGTCACTGCCTTGGCATCTGTGTCTTGG  
 CTCTTCTCTCTCTGTAATGCTGTTTGTGGGAGTAAGTTGTGCAGGAGGGCCAGGGCAGCCTCTCTGG  
 GTGGCTGACTGTGCCTGAGGGACACTTTCCTGACCATCTCATGGCATTAAACAGTGCGGAACTCTGTC  
 CCAGAGCTACCAGTATGAGGTGTGTCTGATGGGAGGTAGTGGGACAAATGAGTTTCAAGATTCTTGAAGCCA  
 GTTTCCCAATTTACAACCTCAGTTCCCTGGGAAAGAAATAGAGGAAAGCTCTACTTTGCGCAATAGTT  
 TTGGGTTATTTAGGGACTGTAAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_053144  
**Insert Size:** 2406 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_053144.2</a></u> , <u><a href="#">NP_444374.2</a></u>
<b>RefSeq Size:</b>	4714 bp
<b>RefSeq ORF:</b>	2406 bp
<b>Locus ID:</b>	93890
<b>Cytogenetics:</b>	18 B3