

Product datasheet for **MC221715**

Pcdhb2 (NM_053127) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb2 (NM_053127) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb2
Synonyms:	PcdhbB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221715 representing NM_053127
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAGGCTGGAGAGGAAATGGAGCAAATCCTGAAAAAAGGCAAGTCTGCTGTTCTTTGTTTGTCTGG
 GCATAGCTCAGGCTGGGTCCACAATTAGGCGCTATTCCGTGGAGGAGGAAGCAGAGAACGGTGTCTTTGT
 GGCAAAATTTGTTAAAGGACCTGGGGCTGGAGGTAGAGGAAGTCTGTCACGGGGACCGCAGTCAATTC
 AAAGGGAAAAAATTGAAGTTAGAATTCAATAGGCAACAGGAGATTTGTTGTTAAGGGAGAACTGGACC
 GGGAGGAGCTGTGTGGACCTGCTGAACCTGTGTGGTACCTTTCCAGGTGTTACTGGGAAATCCTTTGCA
 GATTTTTCAGGCTGAGCTACAGATTAGGGACATAAATGATCATTCTCCGTTTTTCTGGACAAAGAAATT
 ACTTTGAAAAATTCAGAAAGTACTGCTTCCGTACCACTTTCTAATAGAACGTGCTCAAGACTTAGATG
 TAGGAAGCAACGGTCTCCAACTTACACAATCAACCCCAATTTCTATTTTCATCTTAATCTACAAAACAG
 TCCTGATGGCACAGTATTGCCACAGCTGGTTCTGGACAAAGTGTGGATCGGGAGGAGCGATCAGAAATC
 AGATTAATACTCAGAGCTCTAGATGGTGGGAATCCACCCAGGTCTGGCACCGTCCAAATCCTTATTGAAG
 TCTTAGACATCAATGACAATGCCCGGTGTTTTCAAAGCTTCGCTATGAGGTTGAGATCCAGAGAACAG
 TCCTGTTGGATCCAGGTTGCTACTGTCTCTGCTAGGGATTTAGACATTGGGGACCATGGAATATAGCT
 TACGCCTTTTCCCAAGCCTCTGAAGACATTTCGGAACCGTTTCGAATGAATGCAACATCCGGAGAAATCC
 TTTTAGTAAAGACACTGGATTTTGAATCCATCCAGGCATATACAATATGTGTTCAAGGCTACAGATGGTGG
 GGGACTTTCTGGAAGCAGTGTGGTGATTGTTCAAGTAATGGATTTGAATGACAACCTCCAGAACTGACT
 ATGTCCACATTTACCAATCACATCCAGAAAACGCCCGGAAACCGTAATTGCTGTGTTAGTGTGTCAG
 ATTCTGACTCTGGAGACAATGGAAAAATGGTTTGCTCCATCCAAGAAGATCTTCTTTTATTCTAAAAC
 CTCAATTTGAGAACTTTTACACTCTTATGACAAACACAGCCCTGGATCGAGAGACCAGATCAGATACAAC
 ATCACTATCATGGTCTCAGACCTGGGCACACCCAGGCTAACAGCTCAGCACACCATAATAGTACAGGTGT
 CTGACATCAACGACAACGCCCGCCTTCAACCAACCTCCTATACCATATTTGTCGAGAAAAACAACAG
 CCCTGCCCTGCACATAGGCACCATCAGTGCCACAGATTGAGACTCAGGCTCTAATGCCACATCACCTAC
 TCGCTGCTGCCGCCCCAAGACCCACAGTTGGCCCTCATTCCCTGGTCTCCATCAATGCAGACAACGGGC
 AGCTGTTTCGCGCTCAGGGCGCTGGACTACGAGGACCAGCAGACCTCAAGTTCATGTGGGCGCCACAGA
 TGGAGGATCACCGGCACTCAGCAGCCAGACTCTGGTGCCTGTGGTGGTGTGGATGACAATGATAATGCG
 CCCTTCGTGCTCTACCCACTACAGAACTCTTCTGTGCCCTGCACTGAGCTGCTGCCAGGGCGGCAGAGC
 CCGGATACCTAGTCACCAAGGTGGTGGCAGTGGACCGCACTCTGGCCAGAATGCCTGGTTGTCTTCCA
 GCTGCTCAAGGCCACGGAGCCCGGGCTGTTCAAGCTGTGGGCGCACAATGGCGAGGTGCGCACACCACAGG
 CTGCTGAGTGAGCGAGATGCACCCAAACACAGGCTGCTGCTGCTGGTCAAGGACAATGGAGACCTCCGC
 ATTCTGCCAGCGTCACATTGCAGGTGCTAGTGGTGGATGGCTTCTCTCAACCCCTACTTGCCTCTGCCAGA
 GGTGGCCCGCGACCTGCCCAAGATGAGGACATACTAACACTCTACCTGGTCATTGCCTTGGCCTCTGTG
 TCTTCTCTCTTCTCTGTCTGTACTGCTGTTTCGTGGGGTAAGGCTGTGCAGGAGGGCCAGAGCCACCT
 CGCTGGGTGGCTGCTCTATGCCGAAGGCCACTTTCAGCCCACTGGTAGATGTTGGCGGCGGGGAC
 CCTGTCCAGAGTTATCAATATGAAGTGTGCCTGACTGGAGATACTGGGACCCAGATTTCAAGTTCTTG
 AAACCAATCATCCCAATTTCTCCTTCAGAGTTCAGAGACAGAGAATGATACAAACCCTAGTTACAGGA
 ATAGTTTTGAATTCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_053127
Insert Size: 2400 bp

OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_053127.2, NP_444357.1</u>
RefSeq Size:	2789 bp
RefSeq ORF:	2400 bp
Locus ID:	93873
Cytogenetics:	18 B3