

Product datasheet for **MC221513**

Pcdhb21 (NM_053146) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb21 (NM_053146) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb21
Synonyms:	Pcdhb18; PcdhbU
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221513 representing NM_053146
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCTGGAGTTGGAGCTGCTCAGCATATAAGGCAAGTGCTGCTTTTCTTTGTTTTCTGGAAGGGT
 CCTCGGTTCTTGCCACGACCTGGAGATATTCTGTGCCAGAAGAAATGGAGACTGGCTCCTCTATAGCCAA
 TATAATTAAGATATGGATGTGGGTGATCTGGCTGCACGGGGGGCCAGAGTTATATTTGATGACTACCG
 CCTATTTGCGGTTAGAAGTGGAGACTGGCAACTTGCTTTTGAATGAAAACTGGACAGGGAGGCACTTT
 GTTCTAGCAGCGAACCTGTATATTGCATTTCCAGGTGCTATTGGAAAATCCTCTGCAATTTTTTCAGGC
 TGAGCTTTTGATTGAAGACATAAATGACCATACCCCCACGTTCTAGAAAACTCATATTTCTAAATATC
 TCAGAAAGTGCTACTCCAGGAACCTCATTCCAATGGATGATGCTCAGGACTTAGATATAGGGATGAATG
 GTATCCAAAATATTCAATAAGCCCCAACCCCTATTTCTACCTTAAGTTAAAAGACAGTGGTAAAGGAAG
 AAGATATCCAGAGCTGGTACTGGTTAGATCTCTGGACAGAGAAAAGGAGGCTTCAATTAGCTTGATACTA
 ACAGCTATGGATGGTGGTCCCTGCCCAGGTGAGGACTGATTGGTTCAAGTTGTGGTTCTGGATGCA
 ATGACAATGCCCTGAGTTTGAAGGACCTGTATGAGGTCCAAGTACCAGAGAACAGTTCTGTGGACTC
 ACTGGTAAATCAAGGTGTCTGCGACAGATTTGGATTCCGGAATAAATGGAGAAATATCTTATTCGTTTTCT
 CATATCTCTAGAGATGTACAAAAACATTCGAAATCCACCAACCTCTGGTGAAGCCGTTTGAAAAGAC
 TCCTAGATTTTGGAGTAATTCAGTCTTATAACAATAAATATTCAAGCCATTGATGGTGGTGGTCTCTCGG
 AAAATCAGCCATTATTGTCCAGGTTACAGATGTGAATGACAACCCACCAGAAATAGTCATTACATCTCTT
 ATGAGCTCTATCCAGAGAACGGTTTGTCCAGAGATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 CTGGAGAAAATGGGAGAATGATGTGTTCAATTGAAGACAAAATCCCTTTTCTCTTGAAACCTACTTTCAA
 AAATTTCTACACTCTAGTAACAGAGCATCCACTGGACAGAGAGAGCAGAGCTGAGTACAACATCACCGTC
 ATGATCTCCGACCTGGGCACACCCAGGCTCACACCCAGCACACCATAACAGTGCACATCTCTGACATCA
 ACGACAACGCCCTGCCTTACCCAAAACACCTACACCATGTTTCGTCGGGAGAACACAGCCAGCCCT
 GCACATAGGCACCATCAGCGCCACAGACTCAGATTTAGGCTCCAATGCCACATCACCTACTCACTGCTG
 CCACCCCAAGACCAGCGCTGGCCCTCACCTCGCTAATCTCCATCAACGCTGACAACGGGCGATTGTTTG
 CGCTAAGGGCGCTGGACTATGAAACCTACAGGCCTTCGAGTTCGCGTGGTGGTGGTGGTGGTGGTGGTGGT
 ACCCGCGCTCAGCAGCCAGGCGCTGGTGGCGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 CTCTACCCGATGCAGAACGCTTCTGCGCCCTGCACAGAGCTGCTGCCAGGGCAGCGGAGCCCGGCTACC
 TGGTACCACAGGTGGTGGCTGTGGATCGGACTCTGGCCAGAATGCCTGGCTGTGCTTCCAGCTACTCAA
 GGCCACGGAGCCTGGGCTGTTACAGCTGTGGGCTCACAATGGAGAGGTGCGCACTACCAGATTGCTGAGC
 GAGCGGATGTGCCAAGCACAGGCTGCTGCTGCTAGTCAAGGACAATGGCGATCCTCCGCGCTCTGCCA
 GCGTACGCTGCACCTGTTGGTGGTGGATGGCTTCTCTCAGCCCTACCTACCTCTGCCAGAGGTTGCGCA
 CGACTCTACCCAAGTGGATGAGGAAGCGCTCACACTCTATTTGGTCAATGCCTTGGCGTCTGTGTCTTGG
 CTCTTCTCTTGTCTGTGCTACTGTTTCGTGGGGTGAGGCTGTGCAGGAGGGCCAGGGCGGCCTCTCTGA
 GTGGCTACTCTGAACCTGATGGACACTTCTCCGGCCACCTGGTGGATGTCAGCGGTGCGGGAACCCCTGTC
 CCAGAGCTATCAGTATGAGGTGTCTGACAGGAATGTCAGATTCCAATGATATTCGGTTCTAAAGCCT
 GTCTCCAACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_053146
Insert Size: 2325 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:	<ol style="list-style-type: none">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.
RefSeq:	<u>NM_053146.2</u> , <u>NP_444376.1</u>
RefSeq Size:	2712 bp
RefSeq ORF:	2325 bp
Locus ID:	93892
Cytogenetics:	18 B3