

Product datasheet for **MC221648**

Pcdhb12 (NM_053137) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb12 (NM_053137) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb12
Synonyms:	Pcdh3; Pcdhb5F; PcdhbL
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221648 representing NM_053137
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGGGCAAAGGCAAGTCTTTTTTCTACTATATTGTGCTGTTTTGGAAGTCTGACTCTGAGGCAA
 TTAGATATTCCATGCCAGAAGAAAAGGAGAGTGGCTATTTGGTGGCAAACGTGGCAAAGATCTGGGGCT
 CAGGGTTGAAGAAGTGGCCACTAGAGGAGCTCAATCCATTACAGAGGAAACAAAGAGCTTTGCAGATG
 GATGCAGAGACTGGGAATTTGTTCTTAAAGGAAAACTAGACCGGGAGGCACTGTGTGGGCGACAGAAC
 CCTGTGTGCTGCACTTCCAGATCATACTGGAAAACCTGTGCAGTTCTTCCAACTGAACTGCAGCTCAC
 TGATATAAACGACCCTCTCCGGAGTTCTGACACGGAAATGCTTCTAACAAATTCCTGAGAACGCCAG
 CCAGGGACTGTGTTTCTCTGAAGGCAGCTCATGACTCTGACATAGGGAGCAATGCCGTTGAGAATA
 CAGTCAATCCCAACATCCATTTCCATGTGGTACTCTCAGTCGCTCAGATGGCAGGAAATACCCAGAGCT
 GGTGCTGGACAGAGCCCTGGACAGGGAGGAGCAGCCTGAGCTCACTTTAACCCCTACTGCTCTTGATGGC
 GGATCCCCACCCAGGTACGGAACCCGAAGTTACATTTGAAGTCGTGGACATCAATGATAACGCCCCCC
 AGTTTATACAGTCACTCTATGAGGTGCAAGTTCCTGAGAACAGTCCCCTCAATGCCTTAGTTGTCATGGT
 CTCTGCCACGGACTTAGATGCTGGGATATATGGCAATGTCGCCTATTCTCTGTTTCAAGGGGATGGATTA
 TCTCAACCATTTGTAATAGACAAAATCACAGGAGAAAATCCGTCTGACCAAAGAGCTAGATTTTCGAGGTAA
 GTCACCATTATACCATAGAAAATGCAGCCACCGATGGAGGGGGCCTTTCAGGAAAATGCACTGTGGTTAT
 ACAGGTGTTGGATGTGAATGACAACGCCCCAGAGTTGGCGATCAGGAAGCTCACAGTCCCTGTCCAGAA
 AATTCCGCCGAGACTGTAGTTGCTGTTTTAGTGTCTGATTCTGATTTCGGGGGACAACGAAGGATAG
 TGTGTTCTATTGAGAACAAATATCCCATTTCTCCTGAAACCCACATTTGAGAATTACTACACCTTAGTGAC
 CGAGGGGCCACTTGATAGAGAGAGCAGAGCTGAGTACAACATCACCATCACTGTCTGGGATTTGGGCACA
 CCCAGGCTCACAACCCAGCACACCATAACAGTGCAGGTGGCCGACATCAACGACAACGCCCTGCCTTCA
 CCCAAACATCCTATACCCTGTTTGTGCAAGAGAACAACAGTCCCGCCCTGCATATAGGCACCATCAGTGC
 CACAGACTCAGATTCAGGCTCCAACGCCACATCACCTACTCGCTGCTGCCGCCCCACGATTACAGCTG
 GCCCTCGCTCGCTAGTCTCCATCAATTCAGACAATGGGCAGCTGTTTGGCTCAGGGCGATGGACTATG
 AGATGCTTCAGGCCTTCGAACTGCACGTGGACGCCACAGATGGAGGCTCACCTGCGCTCAGCAGCCAGGC
 CCTCGTGGTGTGGTGTAGTACATGACAATTCACCTTTTCGTGCTTACCCGATGCAGAATGCC
 TCAGCACCTGTACGGAGCTATTGCCAGGGCAGCAGAGCCTGGATACCTGATCACCAAAGTGGTGGCTG
 TGGATCGGACTCTGGCCAGAATGCCTGGCTGTCAATCCAACCTGCTCAAGGCTACAGAGCCAGGGCTGTT
 CAGTGTGTGGGCGACAATGGGGAGGTGCGCACACCAGGCTGCTGAGTGAAGCGGATGCTCCAAAGCAC
 AAGCTGCTGCTGCTGGTCAAGGACAATGGCGATCCTCCGCGCTCTGCCAGCGTACGCTGCACGTGCTAG
 TGGTGGATGGCTTCTCGCAGCCTTACCTGCCTCTGCCAGAGGTGGCGCGGATTCCACGCAGGACGATTA
 TGACGTGCTCACGCTGTACCTAGTCGTTGCCTTGGCATCTGTATCTTCTCTTCTTCTTCTTGTCTGTGCTG
 TTGTTTGGGGGTGAGACTGTGCAGGAGGGCCAGGGCAGCCTCCCTGGGTGATTACTCTGTACCTGAGG
 GACACTTCTAGCCACCTGGTGGATGTCAGTAGAGCAGGACCCCTGCCAGAGCTATCAATATGAGGT
 GTGTCTTAATGGAGGACTGGAACAACGAGTTCAATTTCTTAAACCATTGTTTCTATCTTCCGACC
 CAGGCTGCTGCTGAAGAAAGAGAAAATGCTGTTGTGCGCAATAGCGTTGAATTCTAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053137
Insert Size: 2370 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:	NM_053137.2 , NP_444367.1
RefSeq Size:	3034 bp
RefSeq ORF:	2370 bp
Locus ID:	93883
Cytogenetics:	18 B3