

Product datasheet for **MC221650**

Pcdhb22 (NM_053147) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb22 (NM_053147) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb22
Synonyms:	Pcdhb15; PcdhbV
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221650 representing NM_053147
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGATTGGAAGGGAACACAGAAAAAGCAAGTTCTGTTGATCTTTCTTCTGCTGGGAGTGGTTGGGG
 CGGGCTCGGAACCCCGCGCTACTTTGTGATGGAGGAAACACCCAGTGGCACTGTTTTGGCAGATCTAGT
 CCAGGACCTAGGGCTGGGAGTTGCGGAGCTAGCTGCTCGAGGAGCCAGGTAGTCTCTGAGGAAAAGGAA
 TCCCGCTTGACAGCTGGATCTACAGACTGGGAAGCTAATCTTAAATGAAAACTGGACCGCAGGAGCTGT
 GCGGCTCCACTGAGCCCTGTGTCACTCATTCCAAAGTGTACTGAAAAACCCTGGAAATATTTCAAGC
 TGAGCTACGAGTAGGAGACATTAATGATCATTCTCTGAGTTTCTGAAAGAGAAATGGCCGTGAAATC
 ATAGAGAAATAGCCCTGTTGGCACTGCGTTTCTACTCAAAACAGCTCAGGATTTGGATGTGGGAAATAACA
 GCGTTCAGAACTATAAGATTGGTACCAATCTCATTTCATGTTCCATCCGCAACCGAGGTGATGGAAG
 AAAATACCCAGAGCTGGTCTGGACAAGGAGCTCGATCGCGAGGTGCAGGCAGCGTTAGATTAACCTCTG
 ACAGCGCTAGATGGCGGTTCTCCGCCAGGACTGGCACCTCGCAAATCCGCATTGTTGTCTTGGATGTCA
 ATGACAATGCCCTGAGTTTGCACAGGCTTTCTACCGGGTCAAATCCAGAGAACAGTCCCTCGGGTTC
 CATGGTTGCTAAGGTCTCTGCTAAGGATTTAGACACTGGGACAAATGGAGAGGTATCATACTCTCTTTTT
 CACAGTTCTCAGGAAATGAGCAAACTTTTGTGCTAAACGCCCTGTCCAGGAGAAGTTCGACTAATCAAAA
 CACTGGACTTTGAGACAACACCTTCATATGAAGTAGACATAGAGGCAACTGATGGCGGGGCTTTTCTGG
 AAAATGCTCTGTTTCTATTAGGTGGTGGATGTCAACGATAATTACCCAGAACTAATATATCATCGCTC
 ACCAATCCAATCCAGAAAAATCCAGAGACAGAGGTGGCTCTGTTTCGATTTCGAGACCGAGACTGTG
 GAGAGAAATGGAAGGACAATTTGTTCCATCCAGGATGGTGTCCCTTTACTGGAACCTTCGGTTGAGAA
 CTCTATAGACTGGTGACAGATGGAGCTCTGGACAGAGAGATCAGAGCTGAGTACAACATTAATCTCTCC
 GTCACCGACTGGGCATACCCAAGCTCACAAACAGCACACCATAACAGTGCAGGTGTCCGACATCAACG
 ACAATGCCCGCCTTTACCCAAGTCTCTACACCATGCTCGTCCACGAGAAACAACAGCCAGCCCTGCA
 CATAGGCACCATCAGCGCCACAGACTCAGACTCAGGCTCCAATGCCACATCACCTACTCGTTGCTGCCG
 GCCCAGGAGCCACAGCTGGCCCTCAACTCACTCATCTCCATCAACGCTGACAACGGGCAGCTGTTCCGCG
 TCAGGGCGCTGGACTACGAGGCCCTGCAGGCTTCGAGTTCACGTGAGTGCCACAGACCGAGGCTCACC
 AGCGCTCAGCAGCCAGGCTCTGGTGCATAGTGGTGTGGACGACAATGACAATGCGCCCTTCGTGCTC
 TACCCGATGCAGAATGCCTCTGCGCCCTGCACAGAGCTGTGCCAGGGCGCAGAGCCCGCTACCTGG
 TCACCAAGGTGGTGGCTGTGGATCGCGACTCTGGCCAGAATGCCTGGCTGTGTTCCAGCTGCTCAAGGC
 TACAGAGCCCGGTTGTTGAGCGTGTGGGCGACAATGGTGAAGTGCACACCACCAGGCTGTTGAGTGAG
 CGAGATGTACCAAGCACAGGCTGCTGCTGGTGGTCAAGGACAATGGAGAGCCTCCGCGCTCTGCTAGCG
 TCACACTGCAGGTGCTAATGGTGGATGGCTTCTCTCAGCCCTACCTGCCTCTGCCAGAGGTGGTGCGCA
 CCCAGTCAACAGGAAGGTGATGTGCTCACGCTGTACCTGGTCAAGCCTGGCTTCTGTGCTTCTCTC
 TTCTCTGTCTGTGCTGCTGTTTGTGGGGTGGGCTGTGCAGGAGGGCCAGGGAGGCTCTCTGGGTG
 GCTGCTGTGCTGAGGGACACTTTCTGGCCACCTGGTGGATGTCAGCGGGCCAGGGACCCTGTCTCA
 GAGTACCAGTATGAGGTGTGCTTACAGGAGATTCTCAGAGTAATGAGTTCAAATCTTGAAGCCTGTG
 TTTTCTGGTATTGTAGACAAAACATGGTAGGCAACCAGATGATCAGTCCTTCTCAAGTGTTTTAGGTA
 TG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_053147
Insert Size: 2385 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_053147.3 , NP_444377.3
RefSeq Size:	3067 bp
RefSeq ORF:	2385 bp
Locus ID:	93893
Cytogenetics:	18 B3