

Product datasheet for **MC221955**

Pcdhb7 (NM_053132) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb7 (NM_053132) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb7
Synonyms:	Pcdhb4B; PcdhbG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221955 representing NM_053132
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTAAGATTCTCCAAGAAGAAATCAGAGTTCAGCATTTCAAAGCTTTGAAATTTCTAAAGGATTGG
 TTGCAAGCACTCAATGGGACCTCATGGAGAAGCTGGAGAAAGCTACCCAAAAAGGCAAGTAATCGCTTT
 TATTTTTATGATGGTTTTGGTTCAAGTTTGCAGTGGAGCAACAACCTCAATACTCTATCTTAGAGGAAACA
 GAAAGTGGCTCCTTTGTAGCCACCTGGCCAAGGATCTGGGTCTGGGAGCTAGGGAGCTGGCTGCCAGGT
 CTGCACGGGTGGTGTCTGATGATTACAAGCAGAGATTGCTGCTGGATCCTGAGACTGGAGATTTGCTTCT
 GAGGGAGAAAAGTAGACGGGAGGAGGTGTAGCACTGTGGATCCCTGTGTGCTGCATTTCCAGGTGACT
 CTTGAAAAGCCAGTGAATATTTCAAGGAGAATTATTGATCCAGGACATAAATGATCATGCTCCAGAAT
 TTCCAGAAGGGGAAATGCTATTGAATATACCAGAAAACAGCCAGCCGGGCACTCTGTTACCACTGAATTT
 AGCCCAGGACTTGGATGTGGGCAGCAATGGGCTTCAACAATACACAGTCAGCCCCAACTCTCATTTTCAT
 GTCCCTCACTCGAAATAATAGCGAGGGCAAGAAATACCCAGAGTTGGTGCAGGACAGAGCCCTGGACAGAG
 AGGAGCAGGCAGAGCTGAGCTTAACCTCATAGCTCTGGATGGAGGGTCTCCACCGAGGTGAGGAACAGC
 TCTGGTTCGAATCCTGATCATGGACATCAATGACAATGCTCCTGAGTTTGTGAACAGCCCTATGAGGTG
 CAGGTCTTAGAGAGCAGTCTCCAGACTCCCAGTCTGACTGTCTTCGCACAGGATGCAGATGCTGGCA
 ACTTTGGGAGAGTTTCTATGGCTTCTTCAAGCATCAGATGAAATCCAGAGAAGTTCTCAATAAAACAA
 AGTCACAGGAGAAATACAACGAAAAGGAATTGGATTTTGAATAAATTTTACCATGTGAAAATT
 GAGGCCAGGATGGGGGAGGGCTTCTGGGAAAGGCTTGGTAATAGTAGAGGTGTTGGATGTGAACGACA
 ATGCCCCAGAGCTGACCATATCTCACTGACCAGCTCAGTCCCAGAAAATGCTCCTGAGACGATATAAG
 CATCTTCAGAGTTGGAGACAGGATTCCGGAGAGAATGCAAAGGTGGTTTGTCTATTCCAGAGAATCTG
 CCATTCATTCTAAAATCTACCTCAAGAATTTCTACACTCTGGTACAGAGAGCCCTCTGGACAGAGAGA
 GCAGAGCTGAATACAACATTACCATCATGGTCTCCGACCTGGGCACACCCAGGCTCACAACATGGCACAC
 CATAACAGTGCAGGTGTCGATGTCAACGACAATGCCCCGCCTTACCCGAACCTCCTACACCATGTTT
 GTCCGCGAAAACAACAGTCTGCCCTGCACATAGGCACCATCAGTGCCACAGATTCAGACTCAGGCTCCA
 ATGCCACATCACCTACTCGTCTGCTGCCCATGATCCGGAGCTGCCACTCTCCTCGTTAATCTCCAT
 TAATGCTGACAACGGGCAGCTGTTGCGCTCAGGGCGCTGGACTACGAGGTCTGCAGGCCTTCGAGTTC
 CACGTGGGTGCCACAGACCGGCTCATCTGCGCTCAGCAGCCAGGCTCTGGTGCAGGTGGTGGTGTGG
 ATGACAATGACAATGCGCCCTTCGTGCTTACCGATGCAGAACGCTCTGCACCCTGCACAGAGCTGCT
 GCCCAGGGCGGCAGAGCCTGGATACCTGGTCAACAAGGTGGTGGCAGTGGACCGGACTCTGGTCAAAAT
 GCCTGGCTGTATTCCAGCTGCTCAAAGCCACGGAGCCCGGGCTGTTACGCGTGTGGGCTCACAATGGCG
 AGGTGCGCACCAGCAGGCTGCTGAGCGAGCGAGATGCGCCCAAGCACAGGCTGCTGATGCTGGTCAAGGA
 TAATGGCAGCCTCCGCGGTCTGCCAGTGTCACTTTCATGTGCTGCTGGTGGATGGCTTTTCCCAACCC
 TACCTCTCTGCTGAGGTGGCGCCCGACCCACACAGGAAGTTGAGGATGCGCTCACTGTGTACCTGG
 TTATTGCCTTGGCATCTGTATCTTCTCTTCTTCTTGTCTGTGGTGTCTTTCGTGGGGATAAAGTTGTG
 CAGGAGAGCCAGGAACCTCTCTGGTGGCTGCTCTGTGCTGAGGAACTCTTCTGCGCCACATGGTG
 GATGTCAGTGGCACAGGACCTTGTCCCAACTATCAATATGAAGTGTGTCTGACCAGGACTCTGGGA
 TTGGTGAAGTTCAAATTCCTCAAACCCATGATCCCAACCTGTTGGTTCAAGACGCTGGGAGAGAAGTTAA
 TGAATACTTCATTGCAGGGATAGCTTTGTATTAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053132
Insert Size: 2490 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_053132.3 , NP_444362.3
RefSeq Size:	3506 bp
RefSeq ORF:	2490 bp
Locus ID:	93878
Cytogenetics:	18 B3