

Product datasheet for **MC221649**

Pcdhb18 (NM_053143) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Pcdhb18
Synonyms:	Pcdhb9; PcdhbR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC221649 representing NM_053143
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGCCAGAGGATCATGTGTCTCCAGACAAAGGCAAGTCTATTTCTTCTCTGCTCGGGGTCTGT
GTTTGGCAGGTTCTGAGCTTGACGTTATTCAGTGACTGAGGAAACAGAAAGGGGATCATTTGTGGCGAA
CCTAGCAAAGGATCTAGGGCTAGGGGTGGAAGCACTGGCTGCAAAGAGAACTAGGGTGGTTTGTGATGAT
AACAACAGCACTTGTTTCTGGATTCTCACTGGAGATTTGCTCACAATGAGAACTGGACCGTGAGA
AGCTGTGGGCCCCACAGAGCCCTGCATGCTTTATTTCCAAATTTAATGGATAACCCCTTCAGATTTA
CCGGGCTGAGCTGAGAATTCTGGATATAAATGATCACTACCCATATTCAGGACAAAAAGATGATTTTA
AAAATACTAGAAAAACAGCTGTGGGAACAACATTTTCGATTAGAAAGAGCACAAGACTCAGATGCGGAC
GGAATGGCATCCAAACTACACCATCAGCCCCAACACTTTTTTTCATATTACCGTTCATAACAGCGATGA
AGGAATGATATATCCTGAGCTTGTGCTAGACAAAGCTCTGGATTGGGAGGGGCGCCAGAGTTCACTCTA
ACACTCACTGCACTTGATGGTGGGTCTCCACCCAGGTCTGGGACAGCCACTATACATATTCTGGTTTGG
ACATCAATGATAATGCCCCACAGTTTCCCCAAGAACTGTATGAAATCCAGGCTCCAGAAAACAGTCCAAT
AGGCCTTGTGTCAATAAGTCACCGGAGAAGATGTAGACTCTGGAGTCAATGCAGAAATATCCTATTCTG
TTTTTGTGCTTCTGAGGATATTCAGCAACCTTTCAAATCAATCCTTTCTCTGGGAAATCACTCTCA
AAGCCTTGCTTGACTATGAGTTTCAATAAGTCTATAAGTTAAATGTACAAGCAGTTGATGGTGGGGCCT
TTCGGCGAGATGTACGGTTCTAGTGCGGGTTTTAGACGTTAATGACAACGCCCTGAACTGATCATGTCA
TCACCTGTCAACGAAGTTGTTGAGAACTCACCTGAAACCGTCTGGCAGTTTTTAGGATTAATGACAGAG
ACTCTGGAGAGAATGAAAAATGGTTTGCACATTCAAGAAATCTACCTTTCTTTTAAACCTTCCGT
GGACAAATTTTACATCCTAATGACAGAAGGAGCACTGGACAGAGAGAGCAGAGCTGAATACAAATCACC
ATCACTGTCTCTGACCTGGGCACACCCAGGCTCACAACCCAGCACACCATAAGAGTACAGGTATCTGATA
TCAATGACAACGCCCGCCTTCAACCAACCTCATACACCTGTTCGTTTCGCGAGAACACAGCCCCGC
CATGCACATAGGCACCATCAGCGCCACAGACTCTGACGCTGGCTCCAATGCCACATCACCTACTCGCTG
CTGCCAACCACCAAGACCTACAGATGACCCTCACCTCGCTGGTCTCTATCAATGCTGACAACGGGCAACTGT
TTGCAATCAAGGCTCTGGACTATGAAGCCTTACAGGCCTTCGAGTTCCACGTGGGTGCCACAGACCGAGG
CTCACCTGAGCTCAGCAGCCAGGCTCTAGTGCCTGGTGGTCTGGACGACAATGACAATGCGCCCTTC
GTGCTCTACCCGATGCAGAACGCTTCTGCGCCCTACACCGAGCTGCTGCCAGGACCGCAGACCCGGCT
ACCTGGTCAACCAAGGTGGTGGCTGTGGACCGCACTCTGGACAGAATGCCTGGCTGTATTCCAGCTACT
CAAGGCCACGGAGCCCGGGCTGTTCACTGTGTGGGCTCACAATGGCGAGGTGCGCACCACAGGCTGCTG
AGCGAGCGCGATGTGCCAAGCACAGGCTGCTGCTGCTAGTCAAGGACAATGGCGATCCTCCGCGCTCTG
CCAGTGTCACTGCAGGTGCTGCTGGTGGATGGCTTCTCTCAGCCCTACCTGCCTCTGCCAGAGGTGGC
GCACAATCCCACTCAAGGGGAAGAGGATGTGCTCAGCTGTACCTGGTCAAGCCTTGGCATCTGTGTCT
TCTCTCTCTCTTGTCTGTGCTGCTGTTTGTGGGGGTGAGACTGTGCAGGAGGGCCAGGCGGCCCTCTC
TTGGGGGCTGCTCCGTGCCAGAGGGACACTTCTGGACACCTTGTGGACGTACGCGGTACAGGAACACT
GTCCAGAACTACCAATATGAGGTGTGCTAATGGGAGGTTCTCTGGTACCAGTGATTTCAAGTCTTG
AAATCGATTACCTGAAGTTCATGCTTATAGTCCCAGGACAATAGTGATGGGAATCCACATTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_053143

Insert Size:

2379 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:	NM_053143.2 , NP_444373.1
RefSeq Size:	5039 bp
RefSeq ORF:	2379 bp
Locus ID:	93889
UniProt ID:	Q91Y02
Cytogenetics:	18 B3
Gene Summary:	Potential calcium-dependent cell-adhesion protein.[UniProtKB/Swiss-Prot Function]