

Product datasheet for **RN208574**

Pcdhb9 (NM_001109390) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhb9 (NM_001109390) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN208574 representing NM_001109390

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGCACCTTCCCCATCATGGAGAAGCTGAGGAAGATTACCTAAACAGGCAAGTAATGCTGTTTATTTTAA
TGATGGCTTTGGTTCTGGTTTGCACTGAGGCAACAACCTGATACTCTATTTTAGAGGAAACAGAAAGTGG
CTCCTTTGTGGCCCATCTGGCCAAGGATCTGGGTCTGGGAGCTGGGGAGCTGGCTGCCAGGTCTGCACGG
GTGGTGTCTGATGATTACAAGCAGAGATTGCTGCTGGATCCTGAGACTGGAGATTGATTCTGAGAGAGA
AACTAGACCGGGAAGAGCTGTGTGGCTCTTTGGATCCCTGTGTGCTGCCTTTCCAGGTGTCTCTTGAAAA
GCCAGTGAATATTTTCAAGGAGAATTATTGATCCAGGACATAAATGATCATGCTCCAGAATTCCCAGAT
AGAGAATTGCTCTTGAAATTCGGAAAAACAGCCAGCCAGGCACACGATTTTCATTGAAATTAGCCCAGG
ATTTGGATGTGGGCAACAATGGGCTTCAAGAGTACAGAGTCAGCACCACCCCTCATTTTCATGTCCTCAC
TCGAAATAATAGTGAAGCAAGAAATACCCAGAGTTGGTGCAGGACAGAGCCCTGGACAGAGAGGAGCAG
GCAGAGCTGAGCTTAACCTCATAGCTCTGGATGGCGGGTCTCCACCGAGGTGAGAACAGCCTTGTTTC
GAATCCTGATCATAGACATCAATGACAATGCTCCTGAGTTTGTGAACAGCCCCTATGAGGTGCAGGTTCT
AGAGAGCTGTCCCCAGACTCCCAATCCTGACTGTGTTAGCACGGGATGCAGATGCTGGCAACTTTGGG
AGTGTTCCTATGGCTTGTTCAGCATCAGATGAAATCCAACAAACATTCTCAATAAACGAAACTACTG
GAGACATGCGACTGAAAAAGAAATTGGATTTTGAAAAATTAATCTTATCATGTGGAATCGAGGCCAC
AGACGGAGGAGGGCTTTCTGGGAGAGTTCTGTGATGATAGAGGTGTTGGATGTGAACGACAATGCTCCA
GAGCTGACCATACTTCACTGACCAGCTCAGTCCCAGAAAATGCTCCTGAGACCAATAATCAGCATCTTCA
GAGTTGGAGACAGGGATTCCGGAGAGAATGGAAAGGCGTTTGTCTATCTCAGAAAACCTGCCATTCAT
TCTAAAATCCACTTTCAAGAAATTTCTACACTCTGGTGACAGAGAGCCCTCTGGACAGAGAGATAGAGCT
GAATACAACATCACCATCTCAGTCTCAGACCTGGGCACACCCAGGCTCACAACCCAGCACACCATAACAG
TGCAGGTGTCTGACATCAACGACAACGCCCTGCCTTACCCAAACCTCTACACCATGTTTGTCCGCGA
GAACAACAGCCCTGCCCTGCACATAGGCACCATCAGTGCCACAGATGCAGACTCAGGCTCCAATGCCAC
ATCACCTACTCACTGCTGCCGCCCAAAATCCACAGCTGGCCCTTGTCTCGCTCATCTCCATCAACGCAG
ACAATGGGCAGCTGTTTCGCGCTCAGGGCGCTGGACTATGAGGCCCTGCAGGCCTTCGAATTCATGTGGG
TGCCACAGACCAAGGTTCAACAGCGCTCAGCAGCCAGGCTCTGGTGCATGTGATGGTGTGGACGACAAT
GACAATGCGCCCTTCGTGCTCTACCCGCTGCAGAACGCCTCTGCACCCTGCACCGAGCTGCTCCCAGGG
CAGCGGAGCCAGGATACCTGATACCAAGGTTGTGGCTGTGGACTGCGACTCTGGCCAGAATGCCTGGCT
GTCATTCCAGTTGCTCAAGGCCACAGAGCCCGGTTGTTTAGCGTGTGGGCACACAATGGCGAGGTACGC
ACCACCAGGCTGCTGAGCGAGCGAGATGTGCCAAGCACAGGCTACTTCTGCTGGTCAAGGACAATGGGG
ACCCTGCGCGCTCTGCCACAGTCACGTTGCACGTGCTACTTGTGGATGGATTTTCACAGCCCTATCTGCC
TCTGCCGAAGTTGCTCGGAACGCCGTTTCAGGAAGATGATGATGCTCTTACACTGTACCTGGTCATAGCC
TTGGCATCTGTCTTCTCTCTTCTCTTGTCTGTGCTGCTGTTTGTGGGGGTGAGGCTGTGCAGGAGGG
GCAGAGAGGTCTCTCTGGGTGGCTGCTCTATTCTGATGGACACTTCTTGCCACCTGGTGGATGTCAG
TGGAGCAGGGACCCTGTCCCAAAGTTACCAGTATGAGGTGTGCTGAGGGGAGACTCTGGGACTGGTGAG
TTCAAGTTCCTGAAACCATGGTCCCAATGCTGGGATAGAAATTATGGAAGTCCCCACTGCAGGGAAA
GCTTTGTATTCAACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001109390

Insert Size:

2397 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.
RefSeq:	<u>NM_001109390.1, NP_001102860.1</u>
RefSeq Size:	3171 bp
RefSeq ORF:	2397 bp
Locus ID:	680047
Cytogenetics:	18p11