

Product datasheet for **SC205322**

PCDHB14 (NM_018934) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	PCDHB14
Synonyms:	PCDH-BETA14
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_018934
Insert Size:	1887 bp



Insert Sequence:

>SC205322 3'UTR clone of NM_018934

The sequence shown below is from the reference sequence of NM_018934. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CGAAATAGCTTTGGACTTAACATTCAAAACAATTTATTTTAAATGTCTAATTTTGGTTATTCTTG
GCAAGCTGATGGTACTTTTGCATAATCTTTTGGGATTCTTGGTTGTACTGTAGTTGCATGCATGATT
ATAGCTCTTGTTTTCTCACAGTTTCTTAAAAATCTTTATTAGTGGCTATAATGACGTGGAATGTAA
TCTGTGTTTTCTGGTTTTTCATTTATTTGGCCAAAATGTTATTAATGGAGTTATTGCTATTTTGGCT
GTGATAATGGTATTATGCAAGACCATATTCTCAATTATTTGGATATGCAAACTAAAGTATTAAAGAGCTA
ATGTCAATTATATGTAACCTAAATCTAGACACCATCAAAGCATAAAAATAAAAAAGCGTTGCTG
AATCTGGGTCGAAAATGTAGTGCCTTATCCCACTATTCTCTGAAAATGTTCTTTAGAAAGGTAAC
AAAGATGCTATCCCTCCATTTTCAGTTCTGGAGAACCCTATTAGTTTTTCAAATTTTACTTTATGATG
AAACTTAAGTGGTCACATTGGAAATTATTAATTTCTTAAGTAATTTTTCTGTAAGTCTTTTGTGAT
AATCCTGTTGTGGAGGAAGAGTCTTATAATGCTCTGGGCTTTGCTGTCACTCTTTGGTTTTCTTAATTT
AATTCTATTTATTTATGTTTTTGGAGACGGGTCTCATTCCATTGACCTGGCTGGAATGCAGTGGCACC
ATCATGGCTCACTGCCGCTTGACTTCTGGGTTCAAGTGATTCTCCTGCCTCAGCCTCCTGAGTAGCT
GGATCACCAGCACAGGCCACTACGGCTGGCTAATTCTTTTGTATTTTTTTGTACAGATGGAATCTTG
CCATGTTTCCAGTCTGGTCTGGAACCTCTGGCTCAAGCGATCTGCCCGCCTAGCTAGTTTTTTGTT
TTTGTTTTTTGAGACAAAGTCTCACTTTGTTGTCAGGCTAGAGAGTAGTGGCAGGATCTTGGCTCACT
GCAGCCTCGACATCTGGGCTCAGGCAATCCTCTGCTTCGGCCTATTAATAGCTCAAACACAGGCA
CCCGCCACGATGCCTAGCTAAATTTTGTATATGTGGTAGAGATGGAGTTTGGCATGTGGCCAGGCT
AGTCTCGAACTCCTGAACTCAAGTGATCCACCTGCTTTGGCCTCCCAACGTGCTAGGATTACAGGCATG
AGCCATTACGTCTGGCCTAGTTTTCTTTAAATACACCGTGTTTACTAGCTTAAATTTTGTGTTGTTTAT
TACTAAAGCAGAAAATAATTTAGGGTCTTATCCTGGGTAAGTAAAGCCTTCCATCAGATGAGTACAAAGC
AAGAACTTCATAAGAAATTGAAATGAAGATTCAAACCTGTTAAAGAAATGATTTAGTTTCACTTTCTTAT
TAATTATTGAGTAAATATAAACATCATTAACTTTGTGGCTCTCTCAGATGCCTACAAAGAAGGAA
TGGGTAGGCATTTATGTTTATAGTTGCCTCATCATGAACATATTATATCTCAGCTCTAAAGAAAGT
TCTATAGAAGATTATAGATAGAGATTTTGATACTGGAATGTAGTATGGATATAGGGCTGGGTACATA
TACATTTTGAAATTGCTCTTACAAGATTAAATACTATTATAGACCAGATGATGTAGTAAATGGAATTT
CACTTGCCATTGTGAAATAGGTGAAACAAATTCAGTTTCTTAGATTTCTTCCTCTACTTTATGCAA
TTATCACTGATTTTATTTTCGTTGTAACAAGTAGTTATTTGTTGTGGATTCTTAAATTTGACATT
TAAACAATAAAATCCTGAAAAGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_018934.4

Summary:

This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The beta cluster contains 16 genes and 3 pseudogenes, each encoding 6 extracellular cadherin domains and a cytoplasmic tail that deviates from others in the cadherin superfamily. The extracellular domains interact in a homophilic manner to specify differential cell-cell connections. Unlike the alpha and gamma clusters, the transcripts from these genes are made up of only one large exon, not sharing common 3' exons as expected. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins. Their specific functions are unknown but they most likely play a critical role in the establishment and function of specific cell-cell neural connections. [provided by RefSeq, Jul 2008]

Locus ID:

56122

MW:

72.3