

Product datasheet for **SC214039**

PCDHB16 (NM_020957) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PCDHB16 (NM_020957) Human 3' UTR Clone
Symbol:	PCDHB16
Synonyms:	ME1; PCDH-BETA16; PCDH3X; PCDHB8a
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020957
Insert Size:	1366 bp



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Insert Sequence:	>SC214039 3'UTR clone of NM_020957 The sequence shown below is from the reference sequence of NM_020957. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site
	<pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC AAGCCGATTATCCCCAATTCTCTCCTTAGGGCACTAGGAAAGAAATAGATTAAATTCCACCCTTCAC AATAGCTTTGGATTAAATTATTGATAGGAACCCATTTGATAAATTCCTTAACCTTCTATGATTGTCTTG TTGATTAAATTGTTTCATGCTCACCACCACCAATAAGGTATTTTCTCTGATTGTTAGTTCAAATTATAT TGTTAATTCAGTTTCCCTTTTCTCATATTTACCCGAGAGGTGTTGCATATAGAATCCCAATTAAC AAAATATACTTTATCTTCAAAGTTGATGTCATTTAAATTTTCCGTCTTATATTTTATTTACTTCCT ATTCATTTTTTGTCCATTTTTCATGTTACTTCTCAGTTTCTAGAACTCAAGTATTAATAACCTG TTGCATGTATTAGGCATATTTCTATGTTACATTTCTTTTGTCTATTTTCTTTCAAATTTGGTATTTT TGTTGGGCTCAATTTTATTATAATACTTTTCTTAAAGTTTCTTTCTTTCTTTTCTTTCTTTTCTTTT TTTTTTTTCTTTTGTAGACAGGGTCTTACTCTTGTACCCAGGCTGGAGTGCAGTGGTACAATCTTGG CTCACTGCAACCTCTGCCTCCTGGGCCAACGGATCCTCCACCTCAGCTCCCAAGTAGCTTGGACTA TAGGTGCATGCCACCATGCCTGGCTAATCTTTGAGCGATGGGATTTTGCCAAGTTGCCAGGCTGAT CTTGAACCTCTGGGCTCAAGCCATCCTCCCTCCTCAGCTCCCAAAATCTGGGATTACAGGCATAAGC CAATGTGCCCATCCAAAGTTTATTTATTTATTTTGTAGATGGAGTCTCGTAAAGTTACCTTTAAAA AAAAAGTTCTATTTTCCCTGTATTGGTATCTCCTTAAATAAAATAAAATATTCTATTGTAAGTGATAT GAGAAATCTTTAACCAGCCTTATCTAAAAATAAAAGAGAAGCCATTGTAAGACATTAGTATGTGTAA ATGTGTTTGTGTTGTAGACAAAAGCAAAGGTATTATGTAATAATTTAATAATTTATCTTTCTAT TACTGAATTAATAAATCAGAGGTCCTGTTATATTTTAAATGGCTAACAACTCAATCTCATTAAAGTTGG AAAAAAACTTATCAAAGAGACATTTACATGGTTTGGCTTTTATATTCATCATAGTATACATTGGCGGT ATCTAGCCCTTTCTGTAAAATATCCCTATGTTAATCTGTATTTCTTGCTTATTATATGTAAAGTTG AGCTTCTTTCTAGATATTAGGCCTTTGAATAAAATCTATGTGAGTCAGATTTAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-Mlul
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.
RefSeq:	<u>NM_020957.4</u>

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:

57717

MW:

52.8