

Product datasheet for SC210970

Protocadherin beta 13 (PCDHB13) (NM_018933) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Protocadherin beta 13 (PCDHB13) (NM_018933) Human 3' UTR Clone
Symbol:	Protocadherin beta 13
Synonyms:	PCDH-BETA13
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018933
Insert Size:	931 bp
Insert Sequence:	>SC210970 3' UTR clone of NM_018933 The sequence shown below is from the reference sequence of NM_018933. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CCCAATAACTTTGGGTTCAATATTCAG**TG**ACCATAGTTGACTTTTACATTCCATAGGTATTTTATTTTGT
 GGCATTTCCATGCCAATGTTTATTTCCCAATTTGTGTGTATGTAATATTGTACGGATTACTCTTGAT
 TTTTCTCATGTTCTTTCTCCCTTTGTTTAAAGTGAACATTTACCTTTATTCCTGGTTCTTAAAGGTGA
 CAATTCATTCTTTAACCAGATGGTCTTAATTTGTAATTAATTTGCCTCCCTAAAGAGCAATACCAAATC
 ACATTTTTTTCATGCCCTATCTTTAGCTGAATTCACCCACTATTATGCTTATGGTAAAATTAAATAGA
 GCAATTTGGAAGTGATTCCAATTTCCAGCATTCTTCATTTGATTCTCTTTTTTAGTCTTAAATAAT
 GACTCCTATTCAGACATATCATTTTTCTTTTTGTAAATCCAGTGCCTTTTAGTTAACCTTTAAATATG
 CTTTTTGCTTTCAAAAATAAACAGAAAACCTATATCCTATGATACAACTCTAAGTGTTATCACTTGATT
 CGAAAGGGTCAGAAGACCAGTTTTTTAGTATCCTTTCTCATTATCCTGGAGAGGATTGTGCAGGCACA
 TTAATATTGTGACCAATCACAGAATCTGGGAATATGAAGCTATAATTTTTTAATTAATGTCACAAAGCTC
 TAGTGCAATCTAGTTGAATGCAGATGCCTGTGCCAAATAATAATTCATATAGCATAAATTGGAGTTGTG
 TGTTAATGTGTAATAATTTTGCCTGTACTATCATATAATTTAATGTATATACACCAGAACTATTTTTTC
 AAACTTTTTTTACTGCAACCAATAGTTAAGATTATTTTTACATATTTTGAAACACACAAGCTTAATAGA
 AATAAATGCTTGTGAACAATG

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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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_018933.2</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:	56123