

## Product datasheet for **SC212837**

### PCDHB7 (NM\_018940) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PCDHB7 (NM\_018940) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PCDHB7  
**Synonyms:** PCDH-BETA7  
**ACCN:** NM\_018940  
**Insert Size:** 1196 bp  
**Insert Sequence:** >SC212837 3'UTR clone of NM\_018940  
The sequence shown below is from the reference sequence of NM\_018940. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCCCATTTTCAAGATAATTTGGGTTTCTGATAAAGAATGTAACTAAATCCGCGTCTGTGAATACGTTT
CTGATTAGGAACCTTATTGCGAGGTTCCCTTAAGGGAGTGTCTTTACATCATTTCAAATATGTAAGTCTTG
AAGTCAAGCAATAAATTTCTATACATAAAATAGGATCCTGATTTAGTATCAAGAACCCTTACAAAGCA
TGAAATGTATATGTGTAATGTTTTATGTCAAACAATTATGCTTAATATACAGTCTATTAATGTAAGTC
TTGTTTGAGATATTTAAATTGCTTTCCATTGTTTTCAATCTCTACTGAGACTTCTGAGTTGATTAGA
AAGCTGTATGAGTGTACCTACCCTAGTCTCAGAAGCATAGACTGTAGAGTATCTTTTTAAGCATTTTTA
AAAAATGCTTTTAAATGCATCATACTATTTTAACTTTTAACTGAGAAGAAGCATATGAGGCATGG
TATTTTAGGAATGAACAAATAGATGGTCTTAGAGATTCAGTAAGTTCCTAAGTCCACTAACTAATAA
GTGACAAAAGTGCATCCATCCAGATCTGTCTGACTCTGGGTCAGTGACCCTGCTCCGATTCCATAC
TGTTTTCTGTCATTAGATATCACCTGGCAAGTTTCTGCCTAATTAAGGAGAAGTCTTTTATCATATTTA
TACTGCTGTCCAATCTTTTCTATATTTAGAAATAATAATGTACATATTTATCTATGGTTTTATTTCTT
ATACACCAAAAAGTCTGCTTTTCTGGGCAATTTTCAACTATTATTACTAATGCTCTGATCTGTCCAAA
CTCAAGCGGAAAACAAAATTGAAAGGGCAACCTGTGCCTTCTCCTTTCTCAGAACATATGACTTTCAT
TTCCCAGAAAAAAGATTAATGGTCTGAGTAGGAATATTACATAAATTTGATTGCATCATTAGTTAATT
ATTTTCTTCATATTGTAGATTTTCTGCAGTCAACCATACTTAACATTTGTAATACATTTTCTGATTTG
AAAGTTTGTTTTTAAAGTTTTCTATTAATTATAGTGCATATTGAATCAGGAAAATTTAAGAAAAAGA
ATAGTTAGTTTTAAATGCATAATATCAAAGAGAATCATAGATGATCATTAATTTTTAGAAATTTCTCGG
AAGTTAAGGAGAAGCACTGTTTT
ACGCGTAAGCGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



[View online >](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_018940.4</a>
<b>Summary:</b>	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. The transcript for this particular family member uses more than one polyadenylation site. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	56129
<b>MW:</b>	47.2