

## Product datasheet for **SC209887**

### **PCDH15 (NM\_001142770) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PCDH15 (NM_001142770) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PCDH15
Synonyms:	CDHR15; DFNB23; USH1F
ACCN:	NM_001142770
Insert Size:	1440 bp



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**Insert Sequence:** >SC209887 3'UTR clone of NM\_001142770  
 The sequence shown below is from the reference sequence of NM\_001142770. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTAGAGAGCCTAGTGAGGAGGAAGAAGTAGTTGTAACATATCGAAAAACCACCAGCAGCTGAGCCTACAT
ACACAACATGGAAGAGAGCCAGAATATTTCCCATGATTTTTAAGAAAGTTAGAGGATTAGCTGATAAAA
GAGGAATCGTTGACCTTGAGGGTGAAGAGTGGCAGAGACGCCCTTGAGGAAGAAGATAAAGATTATTTGA
AACTCACTCTGGACCAAGAGGAACAGAAAGCACTGTAGAATCAGAGGAGGAATCCTCCAGCGACT
ATACTGAATACAGTGAAGAAGAGTCTGAGTTCAGTGAGTCTGAGACTACAGAAGAGGAATCTGAGTCAG
AGACACCCCTGAGGAGGAGGAGAGTTCACCCCTGAATCAGAAGAATCGGAATCCACAGAGTCAGAAG
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AAGAAGAAAGTGACCAGCCCTGTGGAAGAAAGTACAGACCCTGAAGCTCAAGATATCCCTGAAGAGG
GCAAGTGCAGAATCAGCTTCGGTGAAGGAGGTGTGAAAAGTGAAGGAGGAATCAGAATCAGGTAGTAGTA
GCAGTAGTAGCAAAGTCAAGTCTGGAGGTCCATGGGGCTATCAGGTACCAGCGTATGACAGAAGCAAGA
ATGCAAAACAAAAGAAAGTCCGAGGAGCAAACTCTGAAGGTTACAACACAGCACTTTGAAAGAGATCAC
AGTAGGTGGAAGTTTTGCTGTGATGAGTGTCTCGTGTGCAAGTGCCTTCTGTGTGTTCTCCAAAGTGAC
ACTTGAAGGGGAGGAAATGATCAAGATTTTGATATGACTTATGATCAGAAGCATGCCAGAAAAGTGAA
TATATATGTTGTCCAAATCCATTTGTATATTAGACTGTATTAGAGTAAAAGTAACTGACTAATCCTTCTATA
TTAGTAAATCAGAACACATGCAATCAGTAATCAATATTTAATATTTACTGGTAGGATTTTTGTTAATG
CAATGTGGCATTATGTATTATCAGTGACACTCTGTCTATTGGAATGGATGGCATATATATATATATA
TATATACACACACACTATATATGTTTTATATCATCTTTCAAAAATAAATACTAAGACAAGCTTCAAC
AAATTATATCTTTAACAGTCGTCTACTTTTGCATATATGTACGTTTCACTGGCAAAGGTATTATAAAA
ACTATCATGAACATGTTCAAATAAGTAAGTTTGTATCTGCAACTTCAAGTATTAGGAATTCATGAAT
AACATTTTTCAATTAATTAAGTTATTACAGCTTATTTTCTGTTATTATTAGCTACAGT
ACGCGTAAAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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**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.

**RefSeq:** [NM\\_001142770.3](#)

**Summary:** This gene is a member of the cadherin superfamily. Family members encode integral membrane proteins that mediate calcium-dependent cell-cell adhesion. It plays an essential role in maintenance of normal retinal and cochlear function. Mutations in this gene result in hearing loss and Usher Syndrome Type 1F (USH1F). Extensive alternative splicing resulting in multiple isoforms has been observed in the mouse ortholog. Similar alternatively spliced transcripts are inferred to occur in human, and additional variants are likely to occur. [provided by RefSeq, Dec 2008]

Locus ID: 65217

MW: 57