

Product datasheet for **SC207535**

cadherin 10 (CDH10) (NM_006727) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: cadherin 10

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PS100062)

ACCN: NM_006727

Insert Size: 593 bp

Insert Sequence: >SC207535 3'UTR clone of NM_006727
The sequence shown below is from the reference sequence of NM_006727. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GGTGGTGGGAAAGTGACAAAGACTCTAACGTAGGATATATGTTCTGTCAAACAAGAGAAAGTAACT
CTACCCATGCTGTCTCCACTTCACAATATTTGATATTAGGAGCATTTTCCTGCCAGTCAGCACAAATTT
TTTTTCTCATTTACTTCTTAATTTGTTTCATTAAATTACATTAATTCTTTCCTGTAGGATGTCTCATGGAA
TATATATGACATTTTATTTAATCACTTCCAAGAGCCAAAGCTATGGAAATACAGTGTGTCCATCTTAG
TAAATAAAGATAATTTAGAAACATGAACAGGATAGTTCTCCCTTAAGCAACCTCACAACAAGCCGC
TTCTGTAGGTACATGTCTGCCCTTGCAAATGAAGCTTTTAAAAAGGTGAAGAAAAATTTTACAGTAT
ATCCTGTTCTGTACATTAATTAACAAAAACAAAAATGTACATGTGATGTTAGTAGGTGTGATATGCAAC
CTGGTATACAGACATTTGTGCAATTTCAATTCATCAAAATCTATCTGCTAATGTTTTATTTATTTATTT
TTGTATTTATTTTAAAAAAATAAACAGTTTTTACAATA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAG
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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_006727.5
Summary:	<p>This gene encodes a type II classical cadherin of the cadherin superfamily. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature cadherin protein. These integral membrane proteins mediate calcium-dependent cell-cell adhesion and are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a histidine-alanine-valine (HAV) cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is predominantly expressed in brain and is putatively involved in synaptic adhesions, axon outgrowth and guidance. Mutations in this gene may be associated with lung squamous cell carcinoma and colorectal cancer in human patients. [provided by RefSeq, Nov 2015]</p>
Locus ID:	1008
MW:	23