

## Product datasheet for **SC216258**

### Claudin 10 (CLDN10) (NM\_001160100) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Claudin 10 (CLDN10) (NM_001160100) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CLDN10
Synonyms:	CPETRL3; HELIX; OSP-L; OSPL
ACCN:	NM_001160100
Insert Size:	1775 bp



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**Insert Sequence:** >SC216258 3'UTR clone of NM\_001160100  
The sequence shown below is from the reference sequence of NM\_001160100. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACAGTTTGATAAAAAATGCTTATGTCAAAAAGAGCTCGCTGGCAAGCTGCCTCTTGAGTTTGTATATA
AAGCGAACTGTTCAAAAATGATCCCATCAAGGCCCTCCATAATTAACACTCAAAAATATTTTTAAAA
TATGCATTGAAGCATCTGTTGATTGTATGGATGTAAGTGTTCTTACATAGTTAGTTATATACTAATCA
TTTTCTGTTGGCTTTCTATAAAAAATAACAGTTTATTTACAGGATTTGTAATGTTTTCTACATT
TATATAGAACATGAAAAGCATTAGTACCAAGGTTCAAGAAGTATTCGACTCTAGCCTTTTAAATCA
TTCATAGATAGAAGTCTTTGTACCCACTCCTTATGTTTCTTTTCATTATAAACAGGTGTATAAGGAAC
AATGTCTTATAAACAGCATGGGGCAATCTGAGAATATTCCTCAAAGGTGTCCAGGTTAAATAGACAT
GTTACTGGCTGCACACAGCAAAATCTAGTTTGTTTTTTTAAGTATTCTACAACATTTATTTAAAAAG
GTAATCTTTTTGTTGAAGCAGCAAGTTATCTGGTAGAAGTAACTTCTACAGGATCAGAGAGGATCTT
GCTCATTATGAGCATATCCACATGCCCATGGCCACTCAGTAGATTGTTGAAAAAGCAAAGCCACACCA
TTCTCTTTGATGTATGCAGAGAGTTACGTAGCAGGGGATGTTCTCTGATTATTCCACTGGCACCATTA
GTGAATATTTAGTTGTTTTATAAACGATGCTGTGATGAAGACTCATGTACATATTTAGCAAATTTGG
TTTCTTACATGTGCCTGTGACTGTAATTCATTATGACTGCTCCAGGAAGGGCTAATGGGGCCAATA
TATTATGCCTGTGATGGCACATCCATGTTAAGGGGCTGAGGCGTCCCTGGCACGGAATGCAGAGCC
CTGAGCTAGGGCATCAGCAGAAGCTGAGATAGAGATATGGTTCATGGTTGACTGAGGAGCCAATTTAAA
CCTGTTTATGCCTAGTGTCCATTATTGGAACACTAAGCATGTGGGAGTATTTATATCCTACTGCTCA
AGGTCATCGCCAAGGTGTGATTGGAAAAATTCAAAAAATTGCAACCTCAGGCATAAATGGGTTAAGGAC
ATCCCAAGCCCAAGTGGTACGTGCCTCACTCAGAACTGACGGGCCGAGTTCTATCTAGGTGTGCTTCC
AGAACCTGTTTACGGCTAACTGGATAACTGAGAGACTTGTCAATTTCTAAAGACATTTAAGTTGCTCCAG
GGATTTCTGAAAAAGACACAGGCTTCTCCTAGAGCCAGCCCTATATAACATGCCACAAAGGGCAACA
GTTATCACAGTTCATACACACCTTTTCATGCTGCTCACTCACTCCTCACAGCCATCCTAGGAGATAC
ATATTGTTTTATCCTGCATTTACAGAAAAAGAAATGAAAACAGAGAGCTTAAATAATTTGCCACAGTA
ATGTCGAAACTAGGCCTTTGAACCAAGGCAGTCTAGGGTAAAATATAGTTTCAAAGTATGAATAAGAAT
TGGTATTTGTGTTATCTTTGAGTAAGAACTGTCCGATATGAATCACAACGTGGGTGAATGTAGTATTT
TCTGAAAGTGTGAAAGACTTAAAAAAAAGAAATCACATTGTTTCAGAGGTGCTCAATGGAAAGAAAAGGAA
ATGAACAAGTTTGTAAAAGATAAAAAAATAAAAAAATTCATACCTTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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\\_001160100.2](#)

**Summary:**

This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. The expression level of this gene is associated with recurrence of primary hepatocellular carcinoma. Six alternatively spliced transcript variants encoding different isoforms have been reported, but the transcript sequences of some variants are not determined.[provided by RefSeq, Jun 2010]

**Locus ID:**

9071

**MW:**

68.2