

Product datasheet for **SC216259**

Claudin 10 (CLDN10) (NM_182848) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Claudin 10 (CLDN10) (NM_182848) Human 3' UTR Clone
Symbol:	Claudin 10
Synonyms:	CPETRL3; HELIX; OSP-L; OSPL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_182848
Insert Size:	1775 bp



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Insert Sequence: >SC216259 3'UTR clone of NM_182848
 The sequence shown below is from the reference sequence of NM_182848. 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
AAACAGTTTGATAAAAAATGCTTATGTCAAAAAGAGCTCGCTGGCAAGCTGCCTCTTGAGTTTGTATATA
AAGCGAACTGTTCAAAAATGATCCCATCAAGGCCCTCCATAATTAACACTCAAAAATATTTTTAAAA
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TTTTCTGTTGGCTTTCTATAAAAAATAACAGTTTATTTACAGGATTTGTAATGTTTTCTACATT
TATATAGAACATGAAAAGCATTAGTACCAAGGTTCAAGAAGTATTCGACTCTAGCCTTTTAAATCA
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ATGAACAAGTTTGTAAAAGATAAAAAAATAAAAAAATTCATACCTTGA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_182848.4](#)

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