

Product datasheet for **SC206618**

Claudin 7 (CLDN7) (NM_001307) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Claudin 7 (CLDN7) (NM_001307) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CLDN7
Synonyms: CEPTRL2; claudin-1; CLDN-7; CPETRL2; Hs.84359
ACCN: NM_001307
Insert Size: 501 bp
Insert Sequence: >SC206618 3'UTR clone of NM_001307
 The sequence shown below is from the reference sequence of NM_001307. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGTCCAACCTCTCCAAGGAGTATGTGTGACCTGGGATCTCCTTGCCCCAGCCTGACAGGCTATGGGAG
TGCTAGATGCCGAAAGGGCCTGGGGCTGAGCTCAGCCTGTGGCAGGGTGCCGGACAAAGGCCTCCT
GGTCACTCTGTCCCTGCACTCCATGTATAGTCCTTGGGTTGGGGGTGGGGGGTGCCGTTGGTGGGA
GAGACAAAAAGAGGGAGAGTGTGCTTTTTGTACAGTAATAAAAAATAAGTATTGGGAAGCAGGCTTTTT
TCCCTTACAGGCCTCTGCTTTCCCTCCCGTCCAGATCCTTGACAGGAGCTTGAACCTTAGTGACCTAC
TTCAGTTCAGAACACTTAGCACCCCACTGACTCCACTGACAATTGACTAAAAGATGCAGGTGCTCGTAT
CTCGACATTCATCCCACCCCTCTTATTTAAATAGCTACCAAAGTACTTCTTTTTTAATAAAAAAAT
AAAGATTTTTATTAGGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_001307.6](#)



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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. Differential expression of this gene has been observed in different types of malignancies, including breast cancer, ovarian cancer, hepatocellular carcinomas, urinary tumors, prostate cancer, lung cancer, head and neck cancers, thyroid carcinomas, etc.. Alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq, May 2010]

Locus ID: 1366

MW: 18.3