

## 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
Symbol:	Claudin 7
Synonyms:	CEPTRL2; claudin-1; CLDN-7; CPETRL2; Hs.84359
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001307
Insert Size:	501 bp
Insert Sequence:	<p>&gt;SC206618 3'UTR clone of NM_001307</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAGTCCAACCTCTCCAAGGAGTATGTGACCTGGGATCTCCTTGCCCCAGCCTGACAGGCTATGGGAG
TGCTAGATGCCTGAAAGGGCTGGGGCTGAGCTCAGCCTGTGGGCAGGGTGCCGACAAAGGCCTCCT
GGTCACTCTGTCCCTGCACTCCATGTATAGTCCTTGGGTTGGGGGTGGGGGGTGCCGTTGGTGGGA
GAGACAAAAGAGGGAGAGTGTGCTTTTTGTACAGTAATAAAAAATAAGTATTGGGAAGCAGGCTTTTT
TCCCTTCAGGGCTCTGCTTTCCCTCCCGTCCAGATCCTTGCAAGGAGCTTGAACCTTAGTGACCTAC
TTCAGTTCAAGCACTTAGCACCCCACTGACTCCACTGACAATTGACTAAAAGATGCAGGTGCTCGTAT
CTCGACATTATTCCACCCCTCTTATTAAATAGCTACCAAAGTACTTCTTTTTTAATAAAAAAAT
AAAGATTTTATTAGGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).


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<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001307.6</a></u>
<b>Summary:</b>	<p>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]</p>
<b>Locus ID:</b>	1366
<b>MW:</b>	18.3