

Product datasheet for **SC213398**

Claudin 8 (CLDN8) (NM_199328) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Claudin 8 (CLDN8) (NM_199328) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CLDN8
Synonyms: HEL-S-79
ACCN: NM_199328
Insert Size: 1272 bp
Insert Sequence: >SC213398 3'UTR clone of NM_199328
 The sequence shown below is from the reference sequence of NM_199328. 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
AGCGTCTACTCCAGAAGTCAGTATGTGTAGTTGTGTATGTTTTTTAACTTTACTATAAAGCCATGCAA
ATGACAAAAATCTATATTACTTTCTCAAAATGGACCCCAAGAACTTTGATTTACTGTTCTTAACTGC
CTAATCTTAATTACAGGAAGTGTGCATCAGCTATTTATGATTCTATAAGCTATTTTCAGCAGAATGAGAT
ATTAACCCAATGCTTTGATTGTCTAGAAAGTATAGTAATTTGTTTTCTAAGGTGGTTCAAGCATCTA
CTCTTTTATCATTTACTTCAAAATGACATTGCTAAAGACTGCATTATTTTACTACTGTAATTTCTCCA
CGACATAGCATTATGTACATAGATGAGTGAACATTTATATCTCACATAGAGACATGCTTATATGGTTT
TATTTAAAATGAAATGCCAGTCCATTACACTGAATAAATAGAAGTCAACTATTGCTTTTCAGGGAAATC
ATGGATAGGGTTGAAGAAGGTTACTATTAATTGTTTTAAAAACAGCTTAGGGATTAATGCCTCCATTTA
TAATGAAGATTAATGAAGGCTTTAATCAGCATTGTAAGGAAATGAATGGCTTTCTGATATGCTGT
TTTTTAGCCTAGGAGTTAGAAATCCTAACTTCTTATCCTCTTCTCCAGAGGCTTTTTTTTTCTGTG
TATTAAATTAACATTTTTAAAAAGCAGATATTTGTCAAGGGGCTTGCATTCAAAGTCTTTCCAGG
GCTATACTCAGAAGAAAGATAAAAGTGTGATCTAAGAAAAAGTGTGGTTTTAGGAAAGTAAAAATATT
TTTGTTTTTGATTTGAAGAAGAATGATGCATTTTGACAAGAAATCATATATGTATGGATATATTTAA
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GGTACCTGAGTCAAAATGTCAATTTTGTCTGTGAAAAATAAATTCCTTCTGTACCATTCTGTTT
AGTTTTACTAAAACTGTAATACTGTATTTTCTGTTTATTCCAATTTGATGAAACTGACAATCCAA
TTTGAAAGTTTGTGTCGACGCTGTCTAGCTTAAATGAATGTGTCTATTTGCTTTATACATTTATATT
AATAAATTGTACATTTTTCTAATTATTTGA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_199328.3
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. This protein plays important roles in the paracellular cation barrier of the distal renal tubule, and in the paracellular barrier to prevent sodium back-leakage in distal colon. Differential expression of this gene has been observed in colorectal carcinoma and renal cell tumors, and along with claudin-7, is an immunohistochemical marker for the differential diagnosis of chromophobe renal cell carcinoma and renal oncocytoma.[provided by RefSeq, May 2010]
Locus ID:	9073
MW:	50.4