

Product datasheet for **SC210443**

Claudin 23 (CLDN23) (NM_194284) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Claudin 23 (CLDN23) (NM_194284) Human 3' UTR Clone
Symbol:	Claudin 23
Synonyms:	CLDNL; hCG1646163
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_194284
Insert Size:	849 bp
Insert Sequence:	<p>>SC210443 3'UTR clone of NM_194284</p> <p>The sequence shown below is from the reference sequence of NM_194284. 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
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGCTCGCTGCCCTGCGACTCCGACCTCAGACGCTTGTAGAGCCTGGGGGCGCCGGTGGCAAAGGAC
TCACCCCGCACAGGCCCGCCTGGCTTCGAGTTGGAACCCGGACACTTGCCCTCACTGGTGTGGATGG
AAATCTGCCTTTCGTGGACCAACAGGACTCCTTGGACGATTAGTTCAGGTTGGGTTTGGTTTTCTTC
TTAAAGAGTTTAGTTTTCTCTCCAGAGGGATCAGGGTCTCTTAGGGAGTGACGGGCTTTTCATATAT
TTTTGCTGAAGAATATATGGAAAGGGTGGCATTTCGCTCACGTGGACCAGGGACAGTGCTGAAATCAGC
AGTGCTCAGAAACAATTTAACATGTTGAAACGACAATATTCTAAAATACTGATGAATCTTGCATCAATA
TAATTATTGGGTTTTTTTTCTTTTCTGCTGTATAACTCCTTGCCATGCAAACTCTCAAGAGGCCAAT
ATATTCCTGGCCATGTTTGAATGAGCCTCTAAAATAAACTTAGAGCCATGCAAAATGCCAGCAGCTTAA
TGGATTTTCATGGAATGAAATACCGTGATTAACATAGCTACATATCATTGCATAAATGGGATTTATCT
TTTTTCTCACTTATTTTTGCGGTGAAAGTCGAGGGCATGCAAGAGTTTCTCTCCAGAAGCCAAGAGGA
GAACAAAGGTCTAATGCTGTACTATTCACCCCTTTGGACGCCTCATCCAGGACGCAGAGGACTTAGG
TTTAACATTTTGTACAAAATGGAACCTGTTAATCATATTAAAGCACATATGTATATATCTTTATTTAT
AAATAAAATTTTAAACAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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:	<u>NM_194284.3</u>
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 gene is expressed in germinal center B-cells, placenta and stomach as well as in colon tumor. This gene is down-regulated in intestinal type gastric cancer. [provided by RefSeq, Aug 2010]
Locus ID:	137075
MW:	32.5