

Product datasheet for **SC207860**

Claudin 5 (CLDN5) (NM_003277) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Claudin 5 (CLDN5) (NM_003277) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CLDN5
Synonyms: AWAL; BEC1; CPETRL1; TMDVCF; TMVCF
ACCN: NM_003277
Insert Size: 602 bp
Insert Sequence: >SC207860 3'UTR clone of NM_003277
 The sequence shown below is from the reference sequence of NM_003277. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCGACTACGACAAGAAGAACTACGTCTGAGGGCGCTGGGCACGGCCGGGCCCTCTGCCAGCCACGC
CTGCGAGGCGTTGGATAAGCCTGGGGAGCCCCGCATGGACCGCGCTTCCGCCGGTAGCGCGCCGCGC
AGGCTCCTCGGAACGTCCGGCTCTGCGCCCCGACGCGGCTCCTGGATCCGCTCCTGCCTGCGCCCGCAG
CTGACCTTCTCCTGCCACTAGCCCGGCCCTGCCCTTAACAGACGGAATGAAGTTTCTTTTCTGTGCGC
GGCGCTGTTTCCATAGGCAGAGCGGGTGTGAGACTGAGGATTTGCTTCCCTCCAAGACGCTGGGGGT
CTTGGCTGCTGCCTTACTTCCCAGAGGCTCCTGCTGACTTCGGAGGGGCGGATGCAGAGCCAGGGCCC
CCACCGGAAGATGTGTACAGCTGGTCTTTACTCCATCGGCAGGGCCGAGCCAGGGACCAGTGACTTG
GCCTGGACCTCCCGGTCTACTCCAGCATCTCCCAGGCAAGGCTTGTGGGCACCGGAGCTTGAGAGAG
GGCGGGAGTGGGAAGGCTAAGAATCTGCTTAGTAAATGGTTTGAAGTCTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online »](#)

RefSeq: [NM_003277.4](#)

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. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2018]

Locus ID: 7122

MW: 21.5