

Product datasheet for **SC205857**

Claudin 3 (CLDN3) (NM_001306) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Claudin 3 (CLDN3) (NM_001306) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CLDN3
Synonyms: C7orf1; CPE-R2; CPETR2; HRVP1; RVP1
ACCN: NM_001306
Insert Size: 420 bp
Insert Sequence: >SC205857 3'UTR clone of NM_001306

The sequence shown below is from the reference sequence of NM_001306. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACAGGCTACGACCGCAAGGACTACGTCTAAGGGACAGACGAGGAGACCCACCACCACCACCACCAC
CAACACCACCACCACCACCAGCTGGAGCGCGCACCAGCCATCCAGCGTGCAGCCTTGCTCGGAG
GCCAGCCACCCAGAAAGCCAGGAAGCCCGCGCTGGACTGGGGCAGCTTCCCGAGCAGCCACGGCT
TTGCGGGCCGGGAGTCTGACTTCGGGGCCAGGGACCAACCTGCATGGACTGTGAAACCTCACCTTCT
GGAGCACGGGGCCTGGGTGACCGCAATACTTGACCACCCCGTCGAGCCCATCGGGCCGCTGCCCCCA
TGCTCGCGCTGGGCAGGGACCGGAGCCCTGGAAGGGGCACTTGATATTTTCAATAAAAGCCTTTCGT
TTTGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_001306.4](#)



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Summary:

Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this intronless gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. It is also a low-affinity receptor for Clostridium perfringens enterotoxin, and shares aa sequence similarity with a putative apoptosis-related protein found in rat. [provided by RefSeq, Jul 2008]

Locus ID:

1365

MW:

15.1