

## 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   |
| Symbol:                   | Claudin 3  |
| Synonyms:                 | C7orf1; CPE-R2; CPETR2; HRVP1; RVP1  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_001306  |
| Insert Size:              | 420 bp   |
| Insert Sequence:          | <p>&gt;SC205857 3'UTR clone of NM_001306</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ACAGGCTACGACCGCAAGGACTACGTCTAAGGGACAGACGCGAGGAGACCCACCACCACCACCACCAC
CAACACCACCACCACCACCGCGAGCTGGAGCGCGCACCAGGCCATCCAGCGTGCAGCCTTGCCTCGGAG
GCCAGCCACCCAGAGCCAGGAAGCCCCGCGCTGGACTGGGGCAGCTTCCCAGCAGCCACGGCT
TTGCGGGCCGGGAGTCGACTTCGGGGCCAGGGACCAACCTGCATGGACTGTGAAACCTCACCTTCT
GGAGCACGGGGCCTGGGTGACCGCAATACTTGACCACCCGTCGAGCCCATCGGGCCGCTGCCCCCA
TGCTCGCGCTGGGCAGGGACCGGAGCCCTGGAAGGGGCACTTGATATTTTCAATAAAAGCCTTTCGT
TTTGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCGCCTTCTATGAAAGG
  
```

|                    |  |
|--------------------|--|
| Restriction Sites: | Sgfl-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.   |


[View online »](#)

**RefSeq:** NM\_001306.4

**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