

Product datasheet for **SC210716**

Claudin 4 (CLDN4) (NM_001305) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Claudin 4 (CLDN4) (NM_001305) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: CLDN4

Synonyms: CPE-R; CPER; CPETR; CPETR1; hCPE-R; WBSCR8

ACCN: NM_001305

Insert Size: 889 bp

Insert Sequence: >SC210716 3'UTR clone of NM_001305
The sequence shown below is from the reference sequence of NM_001305. 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
CGCTCTGCTGCTGCCAGCAACTACGTGTAAAGGTGCCACGGCTCCACTCTGTTCTCTCTGCTTTGTTCT
TCCCTGGACTGAGCTCAGCGCAGGCTGTGACCCAGGAGGGCCCTGCCACGGGCCACTGGCTGCTGGGG
ACTGGGGACTGGGCAGAGACTGAGCCAGGCAGGAAGGCAGCAGCCTTACGCCTCTCTGGCCCACTCGGA
CAACTTCCAAGGCCGCTCCTGTAGCAAGAACAGAGTCCACCCTCCTCTGGATATTGGGGAGGGACG
GAAGTGACAGGGTGTGGTGGTGGAGTGGGGAGCTGGCTTCTGCTGGCCAGGATAGCTTAACCCTGACTT
TGGGATCTGCCTGCATCGGCGTTGGCCACTGTCCCAATTTACATTTTCCCCTCTGTCTGCCTGCATC
TCCTCTGTTCCGGGTAGGCCTTGATATCACCTCTGGGACTGTGCCTTGCTCACCGAAACCCGCGCCAG
GAGTATGGCTGAGGCCTTGCCACCCACCTGCCTGGGAAGTGCAGAGTGGATGGACGGGTTAGAGGGG
AGGGCGAAGGTGCTGTAACAGGTTTGGGCAGTGGTGGGGAGGGGCCAGAGAGCGGCTCAGGTTG
CCCAGCTCTGTGGCCTCAGGACTCTCTGCCTCACCCGCTTACGCCAGGGCCCTGGAGACTGATCCCC
TCTGAGTCTCTGCCCTTCCAAGGACACTAATGAGCCTGGGAGGGTGGCAGGGAGGGGACAGCTT
CACCCCTTGAAGTCTGGGGTTTTCTCTTCTTCTTTGTGTTTCTGTTTTGTAAATTTAAGAAGAGC
TATTCATCACTGTAATTATTATTATTTCTACAATAAATGGGACCTGTGCACAGGAGGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_001305.5</u>
Summary:	The protein encoded by this intronless gene belongs to the claudin family. Claudins are integral membrane proteins that are components of the epithelial cell tight junctions, which regulate movement of solutes and ions through the paracellular space. This protein is a high-affinity receptor for Clostridium perfringens enterotoxin (CPE) and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. [provided by RefSeq, Sep 2013]
Locus ID:	1364
MW:	31.5