

Product datasheet for **SC217485**

E Cadherin (CDH1) (NM_004360) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	E Cadherin (CDH1) (NM_004360) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CDH1
Synonyms:	Arc-1; BCDS1; CD324; CDHE; ECAD; LCAM; UVO
ACCN:	NM_004360
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC217485 3'UTR clone of NM_004360

The sequence shown below is from the reference sequence of NM_004360. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACATGTACGGAGGCGGCGAGGACGACTAGGGGACTCGAGAGAGGCGGGCCAGACCCATGTGCTGGG
AAATGCAGAAATCACGTTGCTGGTGGTTTTTCAGCTCCCTTCCCTTGAGATGAGTTTCTGGGAAAAAAA
AAGAGACTGGTTAGTGATGCAGTTAGTATAGCTTTATACTCTCTCCACTTTATAGCTCTAATAAGTTTG
TGTTAGAAAAGTTTCGACTTATTTCTTAAAGCTTTTTTTTTTTTTCCCATCACTCTTTACATGGTGGTGA
TGTCAAAAGATACCCAAATTTAATATCCAGAAGAACAACCTTAGCATCAGAAGGTTACCCAGCAC
CTTGACAGATTTTCTTAAAGGAATTTGTCTCACTTTTAAAAAGAAGGGGAGAAGTCAGCTACTCTAGTTC
TGTTGTTTTGTGTATATAATTTTTTAAAAAAAATTTGTGTGCTTCTGCTCATTACTACACTGGTGTGTC
CCTCTGCCTTTTTTTTTTTTTAAGACAGGGTCTCATTCTATCGCCAGGCTGGAGTGCAGTGGTGCAA
TCACAGCTCACTGCAGCCTGTCTCCAGGCTCAAGCTATCCTTGCACCTCAGCCTCCCAAGTAGCTG
GGACCACAGGCATGCACCACTACGCATGACTAATTTTTTAAATATTTGAGACGGGGTCTCCCTGTGTTA
CCCAGGCTGGTCTCAAATCCTGGGCTCAAGTGATCCTCCCATCTTGGCCTCCCAGAGTATTGGGATTA
CAGACATGAGCCACTGCACCTGCCAGCTCCCAACTCCCTGCCATTTTTTAAGAGACAGTTTCGCTCC
ATCGCCAGGCTGGGATGCAGTGATGTGATCATAGCTCACTGTAACCTCAAATCTGGGGCTCAAGCA
GTTCTCCACAGCCTCCTTTTTATTTTTTTGTACAGATGGGGTCTTGCTATGTTGCCAAGCTGGTCT
TAAACTCTGGCCTCAAGCAATCCTTCTGCCTTGGCCCCAAAGTCTGGGATTGTGGCATGAGCTG
CTGTGCCAGCCTCCATGTTTTAATATCAACTCTCACTCCTGAATTCAGTTGCTTTGCCAAGTAGGA
GTTCTCTGATGCAGAAATTATTGGGCTCTTTAGGGTAAGAAGTTTGTGCTTTGTCTGGCCACATCTT
GACTAGGTATTGTCTACTCTGAAGACCTTAAATGGCTTCCCTCTTTCATCTCCTGAGTATGTAACTTGC
AATGGGCAGTATCCAGTGACTTGTCTGAGTAAGTGTGTTTCAATATGTTTATTTAGCTCTGAAGCAA
GAGTGATATACTCCAGGACTTAGAATAGTGCTAAAGTGTGCAGCCAAAGACAGAGCGGAACTATGAA
AAGTGGGCTTGGAGATGGCAGGAGAGCTTGTCTTGGAGCTGGCAATTTAGCAAATGATGCTGAGGAT
GATTGAGTGGGCTACCTCATCTCTGAAAATTTCTGGAAGGAATGGAGGAGTCTCAACATGTGTTTCTG
ACACAAGATCCGTGGTTTGTACTCAAAGCCAGAATCCCAAGTGCCTGCTTTTGTATGATGTCTACAGA
AAATGCTGGCTGAGCTGAACACATTTGCCCAATCCAGGTGTGCACAGAAAACCGAGAATATTCAAAT
TCCAAATTTTTTTCTTAGGAGCAAGAAGAAAATGTGGCCCTAAAGGGGGTTAGTTGAGGGGTAGGGGGT
AGTGAGGATCTTGATTTGGATCTCTTTTTATTTAAATGTGAATTTCAACTTTTGACAATCAAGAAAAG
ACTTTTGTGAAATAGCTTTACTGTTTCTCAAGTGTTTTGGAGAAAAAATCAACCTGCAATCACTTT
TTGGAATTGTCTTGATTTTTCGGCAGTTCAAGCTATATCGAATATAGTTCTGTGTAGAGAATGCTACTG
TAGTTTTGAGTGTATACATGTGTGGTGTGATAATTGTGATTTTTTTGGGGGTGAAAAGGAAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATCCACCGCCGCTTCTATGAAAGG
    
```

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_004360.5](#)

Summary:

This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function of this gene is thought to contribute to cancer progression by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. This gene is present in a gene cluster with other members of the cadherin family on chromosome 16. [provided by RefSeq, Nov 2015]

Locus ID:

999

MW:

75.4