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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
Symbol:	E Cadherin
Synonyms:	Arc-1; BCDS1; CD324; CDHE; ECAD; LCAM; UVO
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004360
Insert Size:	2000 bp

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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

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACATGTACGGAGGCGGCGAGGACGACTAGGGGACTCGAGAGAGGCGGGCCCCAGACCCATGTGCTGGG
AAATGCAGAAATCACGTTGCTGGTGGTTTTTCAGCTCCCTTCCCTTGAGATGAGTTTCTGGGGAAAAAA
AAGAGACTGGTTAGTGATGCAGTTAGTATAGCTTTATACTCTCTCCACTTTATAGCTCTAATAAGTTTG
TGTTAGAAAAGTTTCGACTTATTTCTTAAAGCTTTTTTTTTTTTCCCATCACTCTTTACATGGTGGTGA
TGTCCAAAAGATACCCAAATTTTAATATTCCAGAAGAACAACTTTAGCATCAGAAGGTTCACCCAGCAC
CTTGCAGATTTTCTTAAGGAATTTTGTCTCACTTTTAAAAAGAAGGGGAGAAGTCAGCTACTCTAGTTC
TGTTGTTTTGTGTATATAATTTTTTAAAAAAAATTTGTGTGCTTCTGCTCATTACTACACTGGTGTGTC
CCTCTGCCTTTTTTTTTTTTTTAAGACAGGGTCTCATTCTATCGGCCAGGCTGGAGTGCAGTGGTGCAA
TCACAGCTCACTGCAGCCTTGTCCTCCCAGGCTCAAGCTATCCTTGCACCTCAGCCTCCCAAGTAGCTG
GGACCACAGGCATGCACCACTACGCATGACTAATTTTTTAAATATTTGAGACGGGGTCTCCCTGTGTTA
CCCAGGCTGGTCTCAAACTCCTGGGCTCAAGTGATCCTCCCATCTTGGCCTCCCAGAGTATTGGGATTA
CAGACATGAGCCACTGCACCTGCCCAGCTCCCCAACTCCCTGCCATTTTTTAAGAGACAGTTTCGCTCC
ATCGCCCAGGCCTGGGATGCAGTGATGTGATCATAGCTCACTGTAACCTCAAACTCTGGGGCTCAAGCA
GTTCTCCCACCAGCCTCCTTTTTATTTTTTTGTACAGATGGGGTCTTGCTATGTTGCCCAAGCTGGTCT
TAAACTCCTGGCCTCAAGCAATCCTTCTGCCTTGGCCCCCCAAAGTGCTGGGATTGTGGGCATGAGCTG
CTGTGCCCAGCCTCCATGTTTTAATATCAACTCTCACTCCTGAATTCAGTTGCTTTGCCCAAGATAGGA
GTTCTCTGATGCAGAAATTATTGGGCTCTTTTAGGGTAAGAAGTTTGTGTCTTTGTCTGGCCACATCTT
GACTAGGTATTGTCTACTCTGAAGACCTTTAATGGCTTCCCTCTTTCATCTCCTGAGTATGTAACTTGC
AATGGGCAGCTATCCAGTGACTTGTTCTGAGTAAGTGTGTTCATTAATGTTTATTTAGCTCTGAAGCAA
GAGTGATATACTCCAGGACTTAGAATAGTGCCTAAAGTGCTGCAGCCAAAGACAGAGCGGAACTATGAA
AAGTGGGCTTGGAGATGGCAGGAGAGCTTGTCATTGAGCCTGGCAATTTAGCAAACTGATGCTGAGGAT
GATTGAGGTGGGTCTACCTCATCTCTGAAAATTCTGGAAGGAATGGAGGAGTCTCAACATGTGTTTCTG
ACACAAGATCCGTGGTTTGTACTCAAAGCCCAGAATCCCCAAGTGCCTGCTTTTGATGATGTCTACAGA
AAATGCTGGCTGAGCTGAACACATTTGCCCAATTCCAGGTGTGCACAGAAAACCGAGAATATTCAAAAT
TCCAAATTTTTTTCTTAGGAGCAAGAAGAAAATGTGGCCCTAAAGGGGGTTAGTTGAGGGGTAGGGGGT
AGTGAGGATCTTGATTTGGATCTCTTTTTATTTAAATGTGAATTTCAACTTTTGACAATCAAAGAAAAG
ACTTTTGTTGAAATAGCTTTACTGTTTCTCAAGTGTTTTGGAGAAAAAAATCAACCCTGCAATCACTTT
TTGGAATTGTCTTGATTTTTCGGCAGTTCAAGCTATATCGAATATAGTTCTGTGTAGAGAATGTCACTG
TAGTTTTGAGTGTATACATGTGTGGGTGCTGATAATTGTGTATTTTCTTTGGGGGTGGAAAAGGAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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

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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

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