

## Product datasheet for **SC215693**

### VE Cadherin (CDH5) (NM\_001795) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	VE Cadherin (CDH5) (NM_001795) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CDH5
Synonyms:	7B4; CD144
ACCN:	NM_001795
Insert Size:	1645 bp



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**Insert Sequence:** >SC215693 3'UTR clone of NM\_001795  
 The sequence shown below is from the reference sequence of NM\_001795. 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
TCGGACCCCGGGAGGAGCTGCTGTATTAGGCGGCCGAGGTCACCTCTGGGCTGGGGACCCAAACCC
TGCAGCCAGGCCAGTCAGACGCCAGGCACCACAGCCTCCAAAAATGGCAGTGACTCCCCAGCCAGCA
CCCCTTCTCGTGGGTCCAGAGACCTCATCAGCCTTGGGATAGCAAACCTCCAGGTTCTGAAATATCC
AGGAATATATGTCAGTGATGACTATTCTCAAATGCTGGCAAATCCAGGCTGGTGTCTGTCTGGGCTCA
GACATCCACATAACCCTGTCAACCACAGACCGCCGTCTAACTCAAAGACTTCTCTGGCTCCCAAGGC
TGCAAAGCAAACAGACTGTGTTAACTGCTGCAGGGTCTTTTTCTAGGGTCCCTGAACGCCCTGGTAA
GGCTGGTGAGGTCCTGGTGCCTATCTGCCTGGAGGCAAAGGCCTGGACAGCTTGACTTGTGGGCAGGA
TTCTCTGCAGCCATTCCAAGGGAGACTGACCATCATGCCCTCTCTCGGGAGCCCTAGCCCTGCTCCA
ACTCCATACTCCACTCCAAGTGCCCAACCTCCCAACCCCTCTCCAGGCTGTCAAGAGGGAGGAAG
GGGCCCATGGCAGCTCCTGACCTTGGTCTGAAGTGACCTCACTGGCCTGCCATGCCAGTAACCTGTG
CTGTAAGTGAACCACTCAGGAAATGGCTTATTAACCTTTGAAGCAACTGTGAATTCATTC
TGGAGGGGCGAGTGGAGATCAGGAGTGACAGATCACAGGCTGAGGGCCACCTCCACACCCACCCCTCTG
GAGAAGGCCTGGAAGAGCTGAGACCTTGCTTTGAGACTCCTCAGCACCCCTCCAGTTTGCCTGAGAAG
GGGAGATGTTCCCGGAGCAGAAGAGCTCTCCCTTCTCTGCCTCACCTGGTCCCAATCCATGCTCTC
TTTTTTCTCTGTCTACTCCTTATCCCTTGGTTAGAGGAACCAAGATGTGGCCTTTAGCAAACCTG
GACAATGTCCAAACCCACTCATGACTGACATGACGAGCCGAGCCATGTGTCTTTACACCTCGCTGTGT
CACATCTCAGGGAAGTACCCTCAGGCACACCTTGAGAAAGGCAAGGCCCTGCCCTGCCCAACCTCTGT
GGTCAACCATGCATCTTCACTGGAACGTTTCACTGCAAACACACCTTGAGAAAGTGGCATCAGTCAAC
AGAGAGGGGCGAGGAAGGAGACCAAGCTCACCTTCTCATGGACCGAGGTTCCCACTCTGGGCAAA
GCCCTCACACTGCAAGGATTGTAGATAACACTGACTTGTGTTTAAACCAATAACTAGCTTCTTAT
AATGATTTTTTTACTAATGATACTTACAAGTTTCTAGCTCTCACAGACATATAGAATAAGGGTTTTTGC
ATAATAAGCAGGTTGTTATTTAGGTTAACAATATTAATTCAGGTTTTTTAGTTGGAAAAACAATTCCTG
TAACCTTCTATTTCTATAATTGTAGTAATTGCTCTACAGATAATGTCTATATATTGGCCAACTGGTG
CATGACAAGTACTGTATTTTTTATACCTAAATAAAGAAAAATCTTTAGCCTGGGCAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_001795.5](#)

**Summary:**

This gene encodes a classical cadherin of the cadherin superfamily. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion molecule is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classical cadherin by imparting to cells the ability to adhere in a homophilic manner, this protein plays a role in endothelial adherens junction assembly and maintenance. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. [provided by RefSeq, Nov 2015]

**Locus ID:**

1003

**MW:**

60.6