

Product datasheet for **SC203898**

R Cadherin (CDH4) (NM_001794) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	R Cadherin (CDH4) (NM_001794) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CDH4
Synonyms:	CAD4; R-CAD; RCAD
ACCN:	NM_001794
Insert Size:	2000 bp



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Insert Sequence: >SC203898 3'UTR clone of NM_001794
 The sequence shown below is from the reference sequence of NM_001794. 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
GACATGTATGGAGGTGGTGAAGAGGATGACTGACCTCGCATCTTCGGACCGAAGTGAGAGCCGTGCTC
GGACGCCGGAGGAGCAGGACTGAGCAGAGGCGCCGGTCTTCCCGACTCCCTGCGGCTGTGTCTTGTAGT
GCTGTTAGGAGGCCCAATCCCCACGTTGAGCTGTCTAGCATGAGCACCCACCCACAGCGCCCTG
CACCCGGCCGCTGCCAGCACCGCGCTGGCTGGCACTGAAGGACAGCAAGAGGCACTCTGTCTTCACTT
GAATTTCTAGAACAGAGCACTGTTTTAAAAAAAAAAAAAAAAAAAAAAAAAGAAAGAAAGAAAAAAAAAA
AAAAAAAAAGAAAGTGCCTTTTGGTACATGTATCAGATTCCCTCAAACCTCAGGAGTGTCTAAAGCAGACAG
ACCGTCCCACCTTCCCATCCCAGCGGCCTCAACCCAGCTAGTCCCAGCTCTGAAGGCATCATTCA
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TGACTTGTGTTGAAAACAGAGTGGGGTCAAATCCAGCAGCCTTTGCTGTACACAGCTGGGGGTCTCTT
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AGGGGCTGGAGGGGAACAGGGTCACTCTGAAGGGGCTCACCCCAAGTCAACCCAGGCCCTCCCTCAG
GGACACCTGTACCCTGAGTGCCACCAGTCCCCTCTGCCTTTGGTCCAGAAGAGTGAAGTGTCAAAC
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GGTGCCTTTGGGGCAGCATGAGCTCCACCAGGGGCCCGGCCCCACCTCAGCCTATGGCCCTTCCCC
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TTGAGCTGGGGTCTCAGTCTCAAACCTGTCTTTCTGACCCTCCCATGGCTGCCAGGGAGGGCGGGG
ACGCGTAAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

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_001794.5](#)

Summary:

This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Based on studies in chicken and mouse, this cadherin is thought to play an important role during brain segmentation and neuronal outgrowth. In addition, a role in kidney and muscle development is indicated. Of particular interest are studies showing stable cis-heterodimers of cadherins 2 and 4 in cotransfected cell lines. Previously thought to interact in an exclusively homophilic manner, this is the first evidence of cadherin heterodimerization. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Locus ID:

1002

MW:

71.9