

Product datasheet for **SC211761**

CTNNA2 (NM_001164883) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CTNNA2 (NM_001164883) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CTNNA2
Synonyms: CAP-R; CAPR; CDCBM9; CT114; CTNR
ACCN: NM_001164883
Insert Size: 938 bp
Insert Sequence: >SC211761 3'UTR clone of NM_001164883
The sequence shown below is from the reference sequence of NM_001164883. 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
AGTGAATTCAAAGCAATGGATTCCCTTCAGGACGATAGGTTTTACAAGAAAGCTTTTTCTTTCTTTTC
TTTCTTTCTTTTCTTTTAAATCCATTTTGTATGCATACCTGCCAGCTCGTATGCCTCTGGCATGGG
GAAATTAAGGGAACAGTGTCTGTTTGCATGTAAGATGAGATGAGATCAACTACTACTGATCCATCTGTAG
CCTGGGAAGGAGACAGGACATTCCTGTACTAAGGTGGCACAGAGCTGTCTTTGCAACATTCTCATAAAA
ATTGGGCACAGAGTTCGCATTGGCGCAATATTTATGGGAGTGGGAGGGATGGGGAAAAATAAACTTAAC
CTACAAAAGCAAACCTAATGCATGCAAGAATCATTAGGTTGGCAGGTATATGCATAAGTAAAAATCT
GGAAGTGAATGGTAGAACATAAACTTGTATTGCTTCTGTTTCAGTGCAAAAATGTAAGTACTAGCCAATAC
GCTTAAGTGTGTGGCCATGAATTGAACAATTTAACCTTGAAGTCTATATCCGTGATATTATGTCGATT
TTTAACTGAGGGGAAATTAAGTCCAGCCTAAAATGCTTCTTTTAACTGCATTCTGTTTCTCTCTTC
TAGTTGTGCCATTACTAGTGATCATGTTTTTTTCCCCCTTTAATGAAAACAATAAACATCTATTTGAG
ACAATTAATCCTTCTGGGGCACTGGAAGCACAAATACGGTGACCAATCTTGCTTTTCAATTTTTTTTC
TTTTAATTTGAACCATGATTTTGTAGAAATAGAAGGCCAGTGGTGGAAATATTAGAGGGAAGGAAAC
TGACAACGTGTGAAAGTTAGAGGCAAAATACATAGGTGTAGCTTGGAGTGTGATCTAATATACCAAT
GTATTCATAACTAACTCAAAATAAACACATTTAATCTTGA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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:	NM_001164883.2
Summary:	May function as a linker between cadherin adhesion receptors and the cytoskeleton to regulate cell-cell adhesion and differentiation in the nervous system (By similarity). Required for proper regulation of cortical neuronal migration and neurite growth (PubMed:30013181). It acts as negative regulator of Arp2/3 complex activity and Arp2/3-mediated actin polymerization (PubMed:30013181). It thereby suppresses excessive actin branching which would impair neurite growth and stability (PubMed:30013181). Regulates morphological plasticity of synapses and cerebellar and hippocampal lamination during development. Functions in the control of startle modulation (By similarity).[UniProtKB/Swiss-Prot Function]
Locus ID:	1496
MW:	35.7