

## Product datasheet for **SC216345**

### **CADPS2 (NM\_001009571) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CADPS2 (NM_001009571) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CADPS2
Synonyms:	CAPS2
ACCN:	NM_001009571
Insert Size:	1754 bp



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**Insert Sequence:**

>SC216345 3' UTR clone of NM\_001009571

The sequence shown below is from the reference sequence of NM\_001009571. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTC**AAGCGATCGC**

GGCATTACTATGAAAGACAGTGACGAAGAAGAAGG**CTGA**TATCACACAGCTTGCAGAAGGAAGGAA  
GACCTTGATCGACATTGTTTTTATTTTTTAACTTGTCTTGTAAATTACATTCATTGTTGTTTTGGC  
CAAATAAAAAATGCTTGTATTTCTTTAAAAAGTAAGCCTGAATGTAGAGTAAAAGGGGAAATGCCAAGATT  
TTGGGGTTTTTTGTTTCCTTTTTTGTGTTGTTGTTGTTGTTTTTTGGAGAAGAGCATCCTCTTTT  
GTGTAGTTTGACCTAAAAATGAACCTTGGCTCTGCTTGTGATCAGAACATGAACTTTTTTTTAAAGAA  
GATTTGAGCATTCTGTAATCACATCAAAATGATGTTTCTGTGTAAGCGAGATACATTTTCTCAT  
AATGCAGCATTGTGAGAAGTCAGTTCGGACCACTGCACCAACTGTCGTATCCTTGTTAAAATGGTGTG  
TACCTTACAAATTATAATTTATGTGCCAGGTTCTTTTTGACTTAATTTGCTATTATTGTGATGTGTATA  
AAATCTTTAATCTTGGTCTTAGTACTTTGAATTGGTCTACAGGTATATTCTGGGATGAAGGATTGCC  
AAACCCAAATATAGACTAGATTACCAATGGGTTTGTGCTTTTGTCCATTCTCAACATTTCTTCTTTCA  
ACTATAAGTAATCCCAGGTGTGGGTAGCAAGTGTGCTTCCGTCAAGATACCATATTCTCCTGCTCCAG  
TATAACAGCTTGCAAGCAATAAAAAATCTATTTGCTCATAACTACTTCTGTATTTATTAGACTTATATAGA  
GCAATGCAGTAAAAGAGGTTTGCAGTGTTCAAACATCCCAACTATCTGACTCTGTGTTTTTGTTCCT  
GAGTTTTTGTGTTTGTGTTGTAATTTTTGTTTTTAATCAAATGAGTAAAAGATAGTAACACTGACT  
GTTCTTTGTACCTAATAGGCACATACATTGTTAAAAGAATTACTATGACAGCATATTTCCATAGCAGAGG  
AAATATATATTTTCAATATATTATTAGTTAATATTAGTAATCAATGTTAACTAATAATTAGTAATGTTAGTA  
ATATTAAGTAGTAATTCACATTATTAGTGGTCTCTCAAAATTTTTCTGCTAGGGTTTGGAGATAAT  
TGTATTATGTTGCGTAAGTTCTCTATGAATTATTTTTGTGATATTTCCAAAACATATTGGCAGATTGTG  
CTACTGCATTTATTAATAAGTAATTTTTAAATGAAGGCAGTTAATGCAGAATAAGTGGAGGTATCCCTGC  
ATTTATGAAAACGTTTATTCTGAACTTTAGAAATGAAACAACCTGGACCTCCAGATTGTTCTCCCATG  
GTGTAATAAGTGGTCGTTAGGTACCTAGACTAGCCTTAAAAATCTATTTAATCTACAGTACTATTTAGC  
ATTGTTTTGGCTCATTTTCTGGCCCTAGGGCTAAGATAACAAACAAGGAAATTTCTCCTTCTCCGGG  
ATTAAGACTAACTCTACCAACTCACTATCTTTGAAAGGCAGTTTGGGAATGTTCTCCCTCCTTTCTTC  
TCTATTACACACCAAATACTATTTTCTCAAACCTCAAATGTCCAGTCATGCTATCCCAAACCTCTCCA  
ATGGCACCATCCCAAGCTTGCTGTTCCACGACACATTGCTCTGACTTAGTAATTACCCACCCTTCTTT  
TCCT

**ACGCGT**AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

**Restriction Sites:**

Sgfl-Mlul

**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\\_001009571.3](#)

**Summary:** This gene encodes a member of the calcium-dependent activator of secretion (CAPS) protein family, which are calcium binding proteins that regulate the exocytosis of synaptic and dense-core vesicles in neurons and neuroendocrine cells. Mutations in this gene may contribute to autism susceptibility. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2009]

**Locus ID:** 93664