

Product datasheet for **SC216346**

CADPS2 (NM_017954) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CADPS2 (NM_017954) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CADPS2
Synonyms:	CAPS2
ACCN:	NM_017954
Insert Size:	1754 bp



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Insert Sequence: >SC216346 3' UTR clone of NM_017954
 The sequence shown below is from the reference sequence of NM_017954. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

GGCATTACTATGAAAGACAGTGACGAAGAAGAAGG**CTGA**TATCACACAGCTTGCAGAAGGAAGGAA
 GACCTTGATCGACATTGTTTTTATTTTTTAACTTGTCTTGTAAATTACATTCATTGTTTGTGGC
 CAAATAAAAAATGCTTGTATTTCTTTAAAAAGTAAGCCTGAATGTAGAGTAAAAGGGGAAATGCCAAGATT
 TTGGGGTTTTTTGTTTCCTTTTTTGTGTTGTTGTTGTTGTTTTTTGGAGAAGAGCATCCTCTTTT
 GTGTAGTTTGACCTAAAAATGAACCTTGGCTCTGCTTGTGATCAGAACATGAACTTTTTTTTAAAGAA
 GATTTGAGCATTCTGTAATCACATCAAAATGATGTTTCTGTGTAAGCGAGATACATTTTCTCAT
 AATGCAGCATTGTGAGAAGTCAGTTCGGACCACTGCACCAACTGTCGTATCCTTGTTAAAATGGTGTG
 TACCTTACAAATTATAATTTATGTGCCAGGTTCTTTTTGTACTTAATTTGCTATTATTGTGATGTGATA
 AAATCTTTAATCTTGGTCTTAGTACTTTGAATTGGTCTACAGGTATATTCTGGGATGAAGGATTGCC
 AAACCCAAATATAGACTAGATTACCAATGGGTTTGTGCTTTTGTCCATTCTCAACATTTCTTCTTTCA
 ACTATAAGTAATCCCAGGTGTGGGTAGCAAGTGTGCTTCCGTCAAGATACCATATTCTCCTGCCTCCAG
 TATAACAGCTTGCAAGCAATAAAAAATCTATTTGCTCATAACTACTTCTGTATTTATTAGACTTATATAGA
 GCAAAATGCAGTAAAAGAGGTTTGCAGTGTTCAAACATCCCAACTATCTGACTCTGTGTTTTTGTTCCT
 GAGTTTTTGTGTTTTGTTTGAATATTTGTTTTTAAATCAAATGAGTAAAAGATAGTAACACTGACT
 GTTCTTTGTACCTAATAGGCACATACATTGTTAAAAGAATTACTATGACAGCATATTTCCATAGCAGAGG
 AAATATATATTTTCAATATATTATTAGTTAATATTAGTAATCAATGTTAACTAATAATTAGTAATGTTAGTA
 ATATTAAGTAGTAATTCACATTATTAGTGGTCTCTCAAAATATTTTCTGCTAGGGTTTGGAGATAAT
 TGTATTATGTTGCGTAAGTTCTCTATGAATTATTTTTGTGATATTTCCAAAACATATTGGCAGATTGTG
 CTAAGTCAATTTAATAAGTAATTTTTAAATGAAGGCAGTTAATGCAGAATAAGTGGAGGTATCCCTGC
 ATTTATGAAAACGTTTATTCTGAACTTTAGAAATGAAACAACCTGGACCTCCAGATTGTTCTCCCATG
 GTGTAATAAGTGGTCGTTAGGTACCTAGACTAGCCTTAAAAATCTATTTAATCTACAGTACTATTTAGC
 ATTGTTTTGGCTCATTTTCTGGCCCTAGGGCTAAGATAACAAACAAGGAAATTTCTCCTTCTCCGGG
 ATTAAGACTAACTCTACCAACTCACTATCTTTGAAAGGCAGTTTGGGAATGTTCTCCCTCCTTTCTTC
 TCTATTACACACCAAATACTATTTTCTCCAAACCTCAAATGTCCAGTCATGCTATCCCAACTCTCCA
 ATGGCACCATCCCAAGCTTGCTGTTCCACGACACATTGCTCTGTAATTACCCACCCTTCTTT
 TCCT

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

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_017954.10](#)

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