

## Product datasheet for **SC212159**

### **CAPS1 (CADPS) (NM\_183393) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CAPS1 (CADPS) (NM\_183393) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CADPS  
**Synonyms:** CADPS1; CAPS; CAPS1; UNC-31  
**ACCN:** NM\_183393  
**Insert Size:** 1088 bp  
**Insert Sequence:** >SC212159 3'UTR clone of NM\_183393  
The sequence shown below is from the reference sequence of NM\_183393. 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
AGCGATGAGGAAGACGAAGAAGACGATTAGACCATTGGTCTAGAGTCTGCTGGGACAGAGTCTGTGA
ATCAGTGCATGTCCTTAGTCTGTTAGTTAAACCCATTAGGAATTTCTGTCAACTACCATGCCATGAG
ATGTTTATCAATAACAAGTCCATTTTAGCTATGTGGTACCAAGATTAGCAAATGACCTTCATATCCACT
GATTTCTGATGTCCATGTCTATATGTTTACAAGCAATATGGAGCACCATTCTTTAAATACTGTTTCATG
GAGAATACATAGTCTAACCCTAGGCGTGTCCCTGTTATCAGCAAAGATCAATGATGCTTCATTCATGT
ACTATGTATGCATTGGTGGTAAATGGATGTGAGGGCAAGTACATCAAGTACATTCCTGTTTCACGT
ATGTGGATGCCAGTTAATTAATGAGTACGTAATAAATTAATTAACACATAGATCTGCTTTGTGTT
TTTATTTTATTTTTGAAAAACAAAAGGCAAGTCTCCAACAATTAACCTTTGATGCTTTCTGTTCCCC
TAAACCAAAAAATGAACCCCTTGTGCTGTTGTTAACCCTCCTTTCTTTACTCATATAATTAGCCAA
AAAAAAGGATGGCTACATACCAATGGATTGATTCTCTTAATTGCCACGCAAGGGGGCGATCCTATC
ATGACTTAACATCAAGCGCGCAGTTCAAACTACTGTCTTCTGTCAAAGTTTTCTCTTAAATGTTA
TTTTGCTTTTACGTCTCAACTGTGTATGTAATAAATGAATATTTAAATTACAACCTAGACTAAAAA
TGTGTTTATAAAGATGTGGATATTTCTTTCAGTAGATTGTAACCATAATTTAAATTTTTGTTCCA
CACTGTTTTTATATCTGTATGATGATTTGATCTGTAAGTGCACAACCTGGGGTTTGTCTGC
AGAGCTATTTCTTCCATGTAAAGTAGTGGATCCATCTTGCTTTTGCCTTATATAAAGCCTACAGTTAT
GGAAGTGTGAAAACTGTGGCTTCTCAATAAATATTCAGATGTCTAAGAATA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_183393.3</a></u>
<b>Summary:</b>	This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca <sup>2+</sup> -regulated exocytosis of secretory vesicles. The protein acts at a stage in exocytosis that follows ATP-dependent priming, which involves the essential synthesis of phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P <sub>2</sub> ). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq, Aug 2008]
<b>Locus ID:</b>	8618
<b>MW:</b>	41.8