

Product datasheet for **SC214961**

CLSTN1 (NM_014944) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CLSTN1
Synonyms:	ALC-ALPHA; alcalpha1; alcalpha2; CDHR12; CST-1; CSTN1; PIK3CD; XB31alpha
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_014944
Insert Size:	1534 bp



Insert Sequence:

>SC214961 3'UTR clone of NM_014944

The sequence shown below is from the reference sequence of NM_014944. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GAGTGGGATGACTCCACCCTCAGCTACTGACCCGTGCCCGGCCACCTCGGTTTCTGCTTTCTGAAGAC
TCTGCTGCCATCCGTTTCTCCAGTCCCAAGGGTCCACGATGTACAAAGTCATTCGGCCAGTAGGTGTG
CAGACCCCTCCCGGCCACGATCGTCTGTGCTTGGTGTGTAGGACCTAGGCTCCCGGCCACCCCTCT
GCCTGGTCGCGCTCTTCAGTCCCACGAGGAGCTGACACGTCCTCTCTGGCCGCCATCCGGCTCGCACAG
GGCCCTCCCAAGCGCTCAGGCCCGCGTTTGTGTCTGGAGTCTCCCCCGGGGAGAGGACACTGGCCCC
TCGCACTCCAGAAAGCATGCCAGCTGGGCTCGTTGACAAAGGGTAAACATGCTCACTCCACCCCGG
TAATCATTTTTTTCTTTTTTAAAAAAGTTTTATTTTTTCCAACTAGTGCATGTATAAATAATGGC
AGGATGGGGGACTGTGTAGATGATTAAGTACTTTTTTAATTTTTGTAAATAAATCGGATTCCTTGT
GTCTTTTGTCTAGTGTAAACCGGGACTGGAATGTAAAGTGAAGTTCGGAGCTCTGAGCACGGGCTCTT
CCCGCCGGGTCTCTCTCCCGAGACCCAGAGGGAGAGGCCACCCCGCCAGCCCCGCCCCAGCCCT
GCTCAGGTCTGAGTATGGCTGGGAGTCGGGGGCCACAGGCCTCTAGCTGTGCTCTCAAGAGACTGGAT
CAGGGTAGCTACAAGTGGCCGGGCTTGCCTTTGGGATTCTACCTGTTCTAATTTGGTGTGGGTGCG
GGGTCCCTGGCCCCCTTTCCACACTCCTCCTCCGACAGCAGCTCCCTGGGCAAGTGGCTGGTCTCACCG
TGTGCAGCCTTGTGGTTTATGCTTAAATGTACATTTTCTGCTGGTAAAAGGAGAACTGAGAGGTGTC
CTGCAGACCGGCTGACCACTCCTTTTGGAGACGGCAGGAGGCTGAGCGATCCGTAAGTCAAGACGTCCA
GGAGAGACGCATGGCCCGAAGTCAAAGTCTGGAATTTTCCAAAACAGCCTGTTCTCTCTCTCTCTC
CCCAGAGCACCCCTGCCATCAGGGGGTTGAAATCCCTCTCCCCAGGAGCCCTGCTGCTTTGCTTGG
TGGTAGGGCAGGAGAGCAAAACAGTCAATGGTCTAAACCCACATAGCACTTTGCTCTTAGTTACAT
GTAAATTTTAGATTTCTAAACAGGTGGCAATCATTTTGAATACTGTTCTGTGACCCTGACTGCTAG
TTCTGAGGACACTGGTGGCTGTGCTATGTGTGGCCATCCTCCATGTCCCGTCCCTGTAGCTGCTGTT
TAGACAGCGGACAGAGCTCACGCCAGGGGATGTCTCACGCTGTGCGCGCGGTTTCCCTTCGCAG
ATGTGTATACTCATGATAGGTAGGTCAGAAAGTATCCGCTACAATAAAGTTCTGGTTCTAACTAACTCAA
AAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_014944.4

Summary:

This gene is a member of the calsyntenin family, a subset of the cadherin superfamily. The encoded transmembrane protein, also known as alcadein- α , is thought to bind to kinesin-1 motors to mediate the axonal anterograde transport of certain types of vesicle. Amyloid precursor protein (APP) is trafficked via these vesicles and so this protein is being investigated to see how it might contribute to the mechanisms underlying Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]

Locus ID:

22883

MW:

55.6