

Product datasheet for **SC208960**

Nicastrin (NCSTN) (NM_015331) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Nicastrin (NCSTN) (NM_015331) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: NCSTN
Synonyms: ATAG1874
ACCN: NM_015331
Insert Size: 708 bp
Insert Sequence: >SC208960 3'UTR clone of NM_015331
 The sequence shown below is from the reference sequence of NM_015331. 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
CCCCGGGAGCCAGGAGCTGTGCATACTGAGGAGGACCCAGCTTTTCTTGCCAGCTCAGCAGTTCACT
TCCTAGAGCATCTGTCCCACTGGGACACAACCACTAATTTGCTACTGGAACCTCCCTGGGCCTGTCTCA
GATTGGGATTAACATAAAAGAGTGGAACTATCCAAAAGAGACAGGGAGAAATAAAATAAATTGCCTCCCT
TCCTCCGCTCCCTTTCCCATCACCCCTTCCCATTTCTCTTCTTCTACTCATGCCAGATTTTGG
GATTACAAATAGAAGCTTCTTGCTCCTGTTAACCTCCCTAGTTACCCACCCTAATTTGCCCTTCAGGAC
CCTTCTACTTTTTCTTCTGCCCTGTACCTCTCTGCTCCTCACCCCAACCCCTGTACCCAGCCACC
TTCCTGACTGGGAAGGACATAAAAGTTTAATGTCAGGGTCAAACCTACATTGAGCCCTGAGGACAGGG
GCATCTCTGGGCTGAGCCTACTGTCTCCTTCCCACTGTCCTTTTCCAGGCCCTCAGATGGCACATTAG
GGTGGGCGTGCTGCGGGTGGGTATCCACCTCCAGCCACAGTGCTCAGTTGTACTTTTTATTAAGCTG
TAATATCTATTTTGTCTTTTCTTTTCTTTTCTTTTCTTTTGTAAATATATATAATGAGTTTCATT
AAAATAGATTATCCACA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_015331.3
Summary:	This gene encodes a type I transmembrane glycoprotein that is an integral component of the multimeric gamma-secretase complex. The encoded protein cleaves integral membrane proteins, including Notch receptors and beta-amyloid precursor protein, and may be a stabilizing cofactor required for gamma-secretase complex assembly. The cleavage of beta-amyloid precursor protein yields amyloid beta peptide, the main component of the neuritic plaque and the hallmark lesion in the brains of patients with Alzheimer's disease; however, the nature of the encoded protein's role in Alzheimer's disease is not known for certain. Mutations in this gene are associated with familial acne inversa. A pseudogene of this gene is present on chromosome 21. Alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Feb 2014]
Locus ID:	23385
MW:	26