

Product datasheet for **SC215720**

RTN3 (NM_201430) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RTN3 (NM_201430) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RTN3
Synonyms:	ASYIP; HAP; NSPL2; NSPLII; RTN3-A1
ACCN:	NM_201430
Insert Size:	1637 bp



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Insert Sequence: >SC215720 3'UTR clone of NM_201430
 The sequence shown below is from the reference sequence of NM_201430. 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
ATAGTTATAACGTCGTTACTTGTACTATGAAGGAAAATACTCAGTGTGAGCTTGAGCCTGCATTCCAAG
CTTTTTTTTTAATTTGGTGTCTCCCATCCTTTCCCTTTAACCCCTCAGTATCAAGCACAAAAATTGA
TGGACTGATAAAAGAACTATCTTAGAACTCAGAAGAAGAAAGAATCAAATTCATAGGATAAGTCAATAC
CTTAATGGTGGTAGAGCCTTTACCTGTAGCTTGAAAGGGGAAAGATTGGAGGTAAGAGAGAAAAATGAAA
GAACACCTCTGGGTCTTCTGTCCAGTTTTTCAGCACTAGTCTTACTCAGCTATCCATTATAGTTTGGCC
CTTAAGAAGTCATGATTAACCTTATGAAAAAATTTTGGGGACAGGAGTGTGATACCTTCCTTGGTTTT
TTTTTGCAGCCCTCAAATCCTATCTTCCCTGCCCAATGTGAGCAGCTACCCCTGATACTCCTTTTCT
TTAATGATTTAACTATCAACTTGATAAAATAACTTATAGGTGATAGTGATAATTCCTGATTCCAAGAATG
CCATCTGATAAAAAAGAATAGAAATGAAAGTGGGACTGAGAGGGAGTCAGCAGGCATGTGCGGTGGC
GGTCACTCCCTCTGCCACTATCCCAGGGAAGGAAAGGCTCCGCCATTTGGGAAAGTGGTTTCTACGTC
ACTGGACACCGGTTCTGAGCATTAGTTTGAAGACTCGTTCCCGAATGTGCTTTCCCTCCTCCCTGC
CCACCTCAAGTTTAAATAAATAAGGTTGTACTTTTCTTACTATAAAATAAATGTCTGTAAGTGTGCA
CTGCTGTAACCTGTTAGAGAAAAAATAACCTGCATGTGGGCTCCTCAGTTATTGAGTTTTTGTGATC
CTATCTCAGTCTGGGGGGAACATTCTCAAGAGGTGAAATACAGAAAGCCTTTTTTCTTGATCTTTTCC
CGAAGTTGAAAGAAAAATCATCTGTGAGTTCCTCAGTTCTCACTCATAGTCATGATCCTTCAGAGGG
AATATGCACTGGCGAGTTTAAAGTAAGGCTATGATATTTGATGGTCCCAAGTACGGCAGCTGCAAAA
AGTAGTGAAGGAAATTGTCTACGTGTCTTGGAAAAATTAGTTAGGAATTTGGATGGGTAAGGTAAGTACC
CTTGCCTTACTCCATCTTATTTTCTAGCCCTTTGAGTGTTTTAACTGGTTTCATGCTCAGTAGGA
AGTGCATTCTCCATCCTCATCCTCTGCCCTCCCAGGAAGTCAGTGATTGTCTTTTTGGGCTTCCCCTCC
AAAGGACCTTCTGCAGTGAAGTGCCACATCCAGTTCTTTTCTTTTGTGCTGCTGTGTTTAGATAATT
GAAGAGATCTTTGTGCCACACAGGATTTTTTTTTTTTTTAAAGAAAAACCTATAGATGAAAAATTAATA
ATGAAACTGTGTACGTGTCTGTGCGTGCAACATAAAAAATACAGTAGCACCTAAGGAGCTTGAATCTT
GGTTCTGTAAAAATTTCAAATTGATGTGGTATTAATAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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.

RefSeq: [NM_201430.3](#)

Summary: This gene belongs to the reticulon family of highly conserved genes that are preferentially expressed in neuroendocrine tissues. This family of proteins interact with, and modulate the activity of beta-amyloid converting enzyme 1 (BACE1), and the production of amyloid-beta. An increase in the expression of any reticulon protein substantially reduces the production of amyloid-beta, suggesting that reticulon proteins are negative modulators of BACE1 in cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, and pseudogenes of this gene are located on chromosomes 4 and 12. [provided by RefSeq, May 2012]

Locus ID: 10313

MW: 62.6