

Product datasheet for **SC215994**

RTN3 (NM_006054) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RTN3 (NM_006054) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RTN3
Synonyms:	ASYIP; HAP; NSPL2; NSPLII; RTN3-A1
ACCN:	NM_006054
Insert Size:	1711 bp



[View online »](#)

Insert Sequence: >SC215994 3'UTR clone of NM_006054
 The sequence shown below is from the reference sequence of NM_006054. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGGAATCGCCAAAAAAGGCAGAATAGTACATGGAAACCAGAAATGCAACAGTTACTAAAACACC
ATTTAATAGTTATAACGTCGTTACTTGTACTATGAAGGAAAATACTCAGTGTGAGCTTGAGCCTGCATT
CCAAGCTTTTTTTTAAATTTGGTGTCTCCCATCCTTTCCCTTAAACCCTCAGTATCAAGCACAAAA
ATTGATGGACTGATAAAGAAGTATCTTAGAACTCAGAAGAAGAAAGAAATCAAATTCATAGGATAAGTC
AATACCTTAATGGTGGTAGAGCCTTACCTGTAGCTTGAAGGGGAAAGATTGGAGGTAAGAGAGAAAA
TGAAAGAACACCTCTGGGTCCTTGTCCAGTTTTTCAGCACTAGTCTTACTCAGCTATCCATTATAGTT
TTGCCCTAAGAAGTCATGATTAACCTTATGAAAAAATTTTGGGGACAGGAGTGTGATACCTTCCTTG
GTTTTTTTTTGCAGCCCTCAAATCCTATCTTCCGCCCAATGTGAGCAGCTACCCCTGATACTCCT
TTTCTTTAATGATTTAACTATCAACTTGATAAAATAACTTATAGGTGATAGTGATAATTCCTGATTCCAA
GAATGCCATCTGATAAAAAAGAATAGAAATGGAAAGTGGGACTGAGAGGGAGTCAGCAGGCATGCTGCG
GTGGCGGTCACTCCCTCTGCCACTATCCCAGGGAAGGAAAGGCTCCGCCATTTGGGAAAGTGGTTTCT
ACGTCACTGGACACCGGTTCTGAGCATTAGTTTGAGAAGTCCGTTCCCGAATGTGCTTTCCCTCCTCC
CCTGCCACCTCAAGTTTAAATAAAGTTGTACTTTTCTTACTATAAAAATAAATGTCTGTAAGTGT
GTGCACTGCTGTAACCTGTAGAGAAAAAATAACCTGCATGTGGGCTCCTCAGTTATTGAGTTTTTG
TGATCCTATCTCAGTCTGGGGGGAAACATTCTCAAGAGGTGAAATACAGAAAGCCTTTTTTTCTTGATC
TTTTCCGAGATTCAAATCTCCGATCCCATTTGGGGGCAAGTTTTTTTTTTCACCTTCAATAGAGAA
TTCAGCGAATTGAAAGAAAAATCATCTGTGAGTTCCTTCAGGTTCTCACTCATAGTCATGATCCTTCA
GAGGGAATATGCACTGGCGAGTTTAAAGTAAGGCTATGATATTTGATGGTCCCAAAGTACGGCAGCTG
CAAAAAGTAGTGAAGGAAATTGTCTACGTGTCTTGAAAAAATTAGTTAGGAATTTGGATGGGTAAGG
GTACCCTTGCTTACTCCATCTTATTTTCTAGCCCCCTTTGAGTGTTTAACTGGTTTCATGTCCTAG
TAGGAAGTGCATTCTCCATCCTCATCCTCTGCCCTCCAGGAAGTCAGTGATTGTCTTTTTGGGCTTCC
CCTCAAAGGACCTTCTGCAGTGAAGTGCCACATCCAGTTCTTTTCTTTGTTGCTGCTGTGTTTAGA
TAATTGAAGAGATCTTTGTCCACACAGGATTTTTTTTTTTTTTAAAGAAAAACCTATAGATGAAAAAT
TACTAATGAAACTGTGTGACGTGTCTGTGCGTGAACATAAAAAATACAGTAGCACCTAAGGAGCTTGA
ATCTTGGTTCTGTAATAATTTCAAATTGATGTGGTATTAATAAAAAAAAAAAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCGCCTTCTATGAAAGG
  
```

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_006054.4](#)

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: 64