

## Product datasheet for **SC216143**

### RTN3 (NM\_201429) Human 3' UTR Clone

#### Product data:

|               |                                     |
|---------------|-------------------------------------|
| Product Type: | 3' UTR Clones                       |
| Product Name: | RTN3 (NM_201429) Human 3' UTR Clone |
| Vector:       | pMirTarget (PS100062)               |
| Symbol:       | RTN3                                |
| Synonyms:     | ASYIP; HAP; NSPL2; NSPLII; RTN3-A1  |
| ACCN:         | NM_201429                           |
| Insert Size:  | 1720 bp                             |



[View online »](#)

**Insert Sequence:** >SC216143 3'UTR clone of NM\_201429  
 The sequence shown below is from the reference sequence of NM\_201429. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGGAATCGCCAAAAAAGGCAGAATAAGTACATGGAAACCAGAAATGCAACAGTTACTAAAACACC
ATTTAATAGTTATAACGTCGTTACTTGTACTATGAAGGAAAAACTCAGTGTGAGCTTGAGCCTGCATT
CCAAGCTTTTTTTTAAATTTGGTGTCTCCCATCCTTTCCCTTAAACCCTCAGTATCAAGCACAAAA
ATTGATGGACTGATAAAGAAGTATCTTAGAACTCAGAAGAAGAAAGAAATCAAATTCATAGGATAAGTC
AATACCTTAATGGTGGTAGAGCCTTTACCTGTAGCTTGAAGGGGAAAGATTGGAGGTAAGAGAGAAAA
TGAAGAACACCTCTGGGTCCTTCTGTCCAGTTTTTCAGCACTAGTCTTACTCAGCTATCCATTATAGTT
TTGCCCTAAGAAGTCATGATTAACCTTATGAAAAAATTTTGGGGACAGGAGTGTGATACCTTCCTTG
GTTTTTTTTTGCAGCCCTCAAATCCTATCTTCTGCCCAACAATGTGAGCAGCTACCCCTGATACTCCT
TTTCTTTAATGATTTAACTATCAACTTGATAAAATAACTTATAGGTGATAGTGATAATTCCTGATTCCAA
GAATGCCATCTGATAAAAAAGAATAGAAATGGAAAGTGGGACTGAGAGGGAGTCAGCAGGCATGCTGCG
GTGGCGGTCACTCCCTCTGCCACTATCCCAGGGAAGGAAAGGCTCCGCCATTTGGGAAAGTGGTTTCT
ACGTCACTGGACACCGGTTCTGAGCATTAGTTTGAGAAGTCCGTTCCCGAATGTGCTTTCCCTCCCTCC
CCTGCCACCTCAAGTTTAAATAAAGTTGTACTTTTCTTACTATAAAAATAAATGTCTGTAAGTCTGCT
GTGCACTGCTGTAACCTGTAGAGAAAAAATAACCTGCATGTGGGCTCCTCAGTTATTGAGTTTTTG
TGATCCTATCTCAGTCTGGGGGGAACATTCTCAAGAGGTGAAATACAGAAAGCCTTTTTTTCTTGATC
TTTTCCGAGATTCAAATCTCCGATCCCATTTGGGGCAAGTTTTTTTTTTCACCTTCAATATGAGAA
TTCAGCGAAGCTTGAAGAAAAATCATCTGTGAGTTCCTTCAGGTTCTCACTCATAGTCATGATCCTTCA
GAGGGAATATGCACTGGCGAGTTTAAAGTAAGGCTATGATATTTGATGGTCCCAAAGTACGGCAGCTG
CAAAAAGTAGTGAAGGAAATTGTCTACGTGTCTTGAAAAAATTAGTTAGGAATTTGGATGGGTAAGG
GTACCCTTGCTTACTCCATCTTATTTTCTAGCCCCCTTTGAGTGTTTAACTGGTTTCATGTCCTAG
TAGGAAGTGCATTCTCCATCCTCATCCTCTGCCCTCCAGGAAGTCAGTGATTGTCTTTTTGGGCTTCC
CCTCCAAAGGACCTTCTGCAGTGAAGTGCCACATCCAGTTCTTTTCTTTGTTGCTGCTGTGTTTAGA
TAATTGAAGAGATCTTTGTGCCACACAGGATTTTTTTTTTTTTTTTAAAGAAAAACCTATAGATGAAAAAT
TACTAATGAAACTGTGTGACGTGTCTGTGCGTGAACATAAAAAATACAGTAGCACCTAAGGAGCTTGA
ATCTTGGTTCCTGTAATAATTTCAAATTGATGTGGTATTAATAAAAAAAAAAAAAACAAACAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
```

**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\\_201429.2](#)

**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:**

64.3