

## Product datasheet for **SC202975**

### Ribonuclease A (RNASE1) (NM\_198235) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Ribonuclease A (RNASE1) (NM_198235) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RNASE1
Synonyms:	RAC1; RIB1; RNS1
ACCN:	NM_198235
Insert Size:	400 bp
Insert Sequence:	>SC202975 3'UTR clone of NM_198235

The sequence shown below is from the reference sequence of NM\_198235. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTGATGCTTCTGTGGAGACTCTACCTAAGGTCAGAGCAGCGAGATACCCACCTCCCTCAACCTCAT
CCTCTCCACAGCTGCCTTCCCTTCCCTTCCCTGCTGTGAAAGAAGTAACTACAGTTAGGCTCCTA
TTCAACACACACATGCTTCCCTTCCCTGAGTCCCATCCCTGCGTGATTTGGGGTGAAGAGTGGGTTG
TGAGGTGGGCCCATGTTAACCCCTCCACTCTTTCTTTCAATAAAACGCAGTTGCAAACCTGATTTT
TGAAGCGGTTCTGTCTAGGTACTGTTTCTGGCATTGCCTTCCAGCAAGGGTAAGAAGTAAATCTGA
TTCACCTTGGAGAACGGTGAATGGAGTAATTAATGCCTTCCCTTCTGACTTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-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:	<u><a href="#">NM_198235.3</a></u>



[View online »](#)

**Summary:** This gene encodes a member of the pancreatic-type of secretory ribonucleases, a subset of the ribonuclease A superfamily. The encoded endonuclease cleaves internal phosphodiester RNA bonds on the 3'-side of pyrimidine bases. It prefers poly(C) as a substrate and hydrolyzes 2',3'-cyclic nucleotides, with a pH optimum near 8.0. The encoded protein is monomeric and more commonly acts to degrade ds-RNA over ss-RNA. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

**Locus ID:** 6035

**MW:** 14.6