

## Product datasheet for **SC202976**

### Ribonuclease A (RNASE1) (NM\_198234) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Ribonuclease A (RNASE1) (NM_198234) Human 3' UTR Clone
Symbol:	Ribonuclease A
Synonyms:	RAC1; RIB1; RNS1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_198234
Insert Size:	400 bp
Insert Sequence:	<p>&gt;SC202976 3'UTR clone of NM_198234</p> <p>The sequence shown below is from the reference sequence of NM_198234. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TTTGATGCTTCTGTGGAGGACTCTACCTAAGGTCAGAGCAGCGAGATACCCACCTCCCTCAACCTCAT
CCTCTCCACAGCTGCCTCTTCCCTCTTCCCTGCTGTGAAAGAAGTAACTACAGTTAGGGCTCCTA
TTCAACACACACATGCTTCCCTTTCCTGAGTCCCATCCCTGCGTGATTTTGGGGGTGAAGAGTGGGTTG
TGAGGTGGGCCCCATGTTAACCCTCCACTCTTCTTTCAATAAAACGCAGTTGCAAACACCTGATTTC
TGAAGCGGTTCTGTCTAGGTACTGTTTCTGGCATTGCCTTCCAGCAAGGGGTAAGAACTGTAATCTGA
TTCACTTTGGAGAACGGTGAATGGAGTAATTAATGCCTTCCCTTCTGACTTGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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.


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RefSeq: [NM\\_198234.3](#)

**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