

Product datasheet for **SC202202**

Ribonuclease Inhibitor (RNH1) (NM_203386) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Ribonuclease Inhibitor (RNH1) (NM_203386) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: RNH1

Synonyms: RAI; RNH

ACCN: NM_203386

Insert Size: 206 bp

Insert Sequence: >SC202202 3'UTR clone of NM_203386

The sequence shown below is from the reference sequence of NM_203386. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACAAGCCATCCCTGAGGGTCATCTCTGAGGCTCTTCTGCTGCTCTCCCTGGACGACCGGCCTC
GAGGCAACCCTGGGGCCACCAGCCCCTGCCATGCTCTCACCTGCATATCCTAGGTTTGAAGAGAAAC
GCTCAGATCCGCTTATTTCTGCCAGTATATTTTGGACACTTTATAATCATTAAAGCACTTCTTGGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_203386.3](#)



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Summary:

Placental ribonuclease inhibitor (PRI) is a member of a family of proteinaceous cytoplasmic RNase inhibitors that occur in many tissues and bind to both intracellular and extracellular RNases (summarized by Lee et al., 1988 [PubMed 3219362]). In addition to control of intracellular RNases, the inhibitor may have a role in the regulation of angiogenin (MIM 105850). Ribonuclease inhibitor, of 50,000 Da, binds to ribonucleases and holds them in a latent form. Since neutral and alkaline ribonucleases probably play a critical role in the turnover of RNA in eukaryotic cells, RNH may be essential for control of mRNA turnover; the interaction of eukaryotic cells with ribonuclease may be reversible in vivo.[supplied by OMIM, Jul 2010]

Locus ID:

6050

MW:

7.5