

Product datasheet for **SC202200**

Ribonuclease Inhibitor (RNH1) (NM_203389) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ribonuclease Inhibitor (RNH1) (NM_203389) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RNH1
Synonyms:	RAI; RNH
ACCN:	NM_203389
Insert Size:	206 bp
Insert Sequence:	<p>>SC202200 3'UTR clone of NM_203389</p> <p>The sequence shown below is from the reference sequence of NM_203389. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACAAGCCATCCCTGAGGGTCATCTCTTGGGCTCTTCTGCTGCTCTCCCTGGACGACCGGCCTC GAGGCAACCCTGGGGCCACCAGCCCCTGCCATGCTCTACCCCTGCATATCCTAGGTTTGAAGAGAAAC GCTCAGATCCGCTTATTTCTGCCAGTATATTTTGGACACTTTATAATCATTAAAGCACTTTCTTGGCA ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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:	<u>NM_203389.3</u>



[View online »](#)

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