

Product datasheet for **SC202201**

Ribonuclease Inhibitor (RNH1) (NM_002939) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ribonuclease Inhibitor (RNH1) (NM_002939) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RNH1
Synonyms:	RAI; RNH
ACCN:	NM_002939
Insert Size:	206 bp
Insert Sequence:	>SC202201 3'UTR clone of NM_002939 The sequence shown below is from the reference sequence of NM_002939. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACAAGCCATCCCTGAGGGTCATCTCTGAGGCTCTTCTGCTGCTCTCCCTGGACGACCGGCCTC GAGGCAACCCTGGGGCCACCAGCCCTGCCATGCTCTCACCTGCATATCCTAGGTTTGAAGAGAAAC GCTCAGATCCGCTTATTTCTGCCAGTATATTTTGGACACTTTATAATCATTAAAGCACTTTCTTGGCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_002939.4</u>



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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