

Recombinant Human RNH1

Cat. No. RNH1-30982TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Ribonuclease Inhibitor with a N terminal proprietary tag: predicted molecular weight 76.45 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	461 amino acids
Description	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.
Molecular Weight	76.450kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris-HCl buffer
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MSLDIQSLDIQCEELSDARWAEELLPLLQQCQVVRLLDDCGL TEARCKDISSALRVNPA

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acids

LAELNLRSNELGDVGVHCVLQGL QTPSCKIQKLSLQNCCLTGAGCGVLSSTLRTLPL
 TLQELHL SDNLLGDAGLQLLCEGLLDPPQCRLEKLQLEYCSLSAASCE PLASVLRAK
 PDFKELTVSNNNDINEAGVRVLCQGLKDSPCQ LEALKLESCGVTSDNCRDLCGIVAS
 KASLRELALGSNKLK DVGMAELCPGLLHPSSRLRTLWIWECGITAKGCGDLRCRVL R
 AKESLKELSLAGNELGDEGARLLCETLLEPGCQLESLWV KSCSFTAACCSHFSSVL
 AQNRFLLELQISNNRLEDAGVRE LCQGLGQPGSVLRVLWLADCDVSDSSCSSLAAT
 LLANHSL RELDLSNNCLGDAGILQLVESVRQPGCLLEQLVLYDIYWS EEMEDRLQA
 LEKDKPSLRVIS

Sequence

Contains 15 LRR (leucine-rich) repeats.

Similarities

GENE INFORMATION

Gene Name

RNH1 ribonuclease/angiogenin inhibitor 1 [Homo sapiens]

Official Symbol

RNH1

Synonyms

RNH1; ribonuclease/angiogenin inhibitor 1; ribonuclease/angiogenin inhibitor , RNH;
 ribonuclease inhibitor; RAI;

Gene ID

6050

mRNA Refseq

NM_002939

Protein Refseq

NP_002930

MIM

173320

Uniprot ID

P13489

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Chromosome Location	11p15.5
Function	protein binding; ribonuclease inhibitor activity;