

Recombinant Human RNH1 Protein, MYC/DDK-tagged

Cat. No. RNH1-305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNH1, transcript variant 4, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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., 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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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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; placental RNase inhibitor; placental ribonuclease inhibitor; RNH; MGC4569; MGC18200; MGC54054;
Gene ID	6050
mRNA Refseq	NM_203385
Protein Refseq	NP_976319
MIM	173320
UniProt ID	P13489

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