



DONGSHENG BIOTECH

Inhibidor de RNASA (RNASIN) 1000 U.



Description

RNasin is a ribonuclease inhibitor purified from human placenta. RNasin reduces the activity of RNase A-type enzymes in a variety of organisms.

Applications

-Inhibition of RNA degradation in the following procedures:
-in vitro transcription ; -cDNA synthesis ; -in vitro translation ; -isolation of mammalian cell fractions that contain mRNA-protein complex ; -Separation and identification of specific ribonuclease activities ; -Studies of tumor suppression.

Quality Control

The absence of endodeoxyribonucleases, exodeoxyribonucleases, phosphatases and ribonucleases confirmed by appropriate quality tests.
Functionally tested in RNA and cDNA synthesis.

Definition of Activity Unit

One unit of the protein inhibits the activity of 5ng RNase A by 50%.

Inhibitor activity is assayed in the following mixture: 100 mM Tris-HCl (pH 7.5), 1.2 mM EDTA, 0.1 mg/ml BSA, 100 ng/ml RNase A, 0.1 mg/ml E.coli [3H]-RNA, 50 mg/ml yeast RNA, 8 mM DTT.

Rnasin (Rnase inhibitor) #R2011 1000U

Concentration 40 U/μl

Store at -20°C