

RNase Inhibitor

Research Use Only

Product Code

23401

Component

RNase Inhibitor (40u/μl) 50 μl, 2,000Units

Storage Condition

Store at -20°C

Description

RNase Inhibitor can defense against common RNases including RNase A, RNase B, and RNase C. This recombinant RNase Inhibitor protein provides reliable protection of precious RNA samples by binding strongly to RNases.

Molecular Weight

50 kDa monomer

Applications

1. cDNA synthesis
2. Reverse Transcription – Polymerase Chain Reaction (RT-PCR)
3. in vitro transcription and translation reactions

Definition of Activity Unit

One unit of the enzyme is the amount of the inhibitor required to inhibition by 50% the activity of 5ng of RNase A.

Storage Buffer

50 mM Tris-HCl (pH 7.5), 100 mM NaCl, 8 mM DTT and 50% (v/v) glycerol

Storage and Stability

RNase Inhibitor is stable for 24 months when stored in a constant temperature freezer at less than -20°C.

Usage Recommendation

cDNA synthesis, RT-PCR: 5~20 U per reaction

in vitro transcription: 20 U per reaction

Made in KOREA

This product was manufactured through ISO 9001 & 13485 system.