

Quick Guide

Beyond the PCR technology,
BIOFACT promises the progress for your research.



BioFACT™ RNase Inhibitor

[Cat. No. RI152-20h]

Contents	RI152-20h
BioFACT™ RNase Inhibitor	2,000 U (40 Unit/μl)

Discription

BioFACT™ RNase Inhibitor inhibits a wide spectrum of RNases, including RNase A, RNase B, and RNase T2.

It protects mRNA and total RNA during isolation and cDNA synthesis, and can be used in combination with different enzymes and buffers in a pH range of 5.0 to 9.0.

Feature

- Source : An *E.coli* strain with a recombinant RNase Inhibitor gene from *Rattus Norvegicus*
- Molecular weight : 91 kDa Protein
- Heat Inactivation : 70 °C for 10 min
- Optimal pH range : pH 5.5 ~ 9.0

Application

Isolation and purification of RNA
RT-PCR reactions
cDNA synthesis reactions.
In vitro transcription/translation reactions
RNase protection assays
RNA-dependent in vitro functional assays

Unit Definition

One unit of the RNase Inhibitor is the amount of protein required to inhibit 50% of 5 ng RNase A

Storage Buffer

8 mM DTT, 50 mM KCl, 20 mM HEPES(pH 7.6), 50 % Glycerol

Quality Control

- Purity : >99 % on SDS-PAGE
- Endonuclease-free
- Exonuclease-free
- RNase-free

Expiration Date : -20 ± 5°C 보관 시 1년 6개월



Please contact us,
if you have any question and need help.

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Related Products

Group	RT / RT-PCR	Preparation	Instrument	Electrophoresis
제품사진				
제품명	<ul style="list-style-type: none"> - BioFACT™ RT-Kit - BioFACT™ 2X RT Pre-Mix - BioFACT™ OneStep RT-PCR Kit - BioFACT™ OneStep RT-PCR Pre-Mix 	<ul style="list-style-type: none"> - HiGene™ Total RNA Prep Kit - Bead™ Total RNA Prep Kit, For Plant Tissue - Bead™ Total RNA Prep Kit, [For Bacterium, Cultured Cell, Animal Tissue, Yeast] 	<ul style="list-style-type: none"> - Bead™ Magnetic Separation Stand - Mini Heating Dry Bath - BIOZONE Air Sterilizer 	<ul style="list-style-type: none"> - gel-rose™ Agarose - EcoDye™ Nucleic Acid Staining Solution - BioFACT™ 1Kb Plus DNA Ladder - BioFACT™ 100bp Plus DNA Ladder