

## RNase Inhibitor

Product Name	Cat. No.	Size
RNase Inhibitor	B-2015	2,000 units X 1

### Package information

B-2015	RNase Inhibitor (40 units/ $\mu$ l) 50 $\mu$ l
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### Description

RNase Inhibitor is a recombinant protein expressed and purified from Porcine RNase Inhibitor gene in recombinant E. coli. RNase Inhibitor inhibits the activity of RNases A, B and C by binding them in a noncompetitive mode. It does not inhibit eukaryotic RNases T1, T2, U1, U2 and CL3.

### Definition of Activity Unit

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

### Applications

- RT-PCR
- cDNA synthesis
- In vitro transcription/translation
- Enzymatic RNA labeling reaction
- Other applications where the integrity of RNA is important

### Storage Buffer

20 mM Tris-HCl (pH 7.5), 50mM KCl, 0.01 % NP40, 8mM DTT, 50% glycerol

- Research Use Only
- Store at -20°C