



普飞生物®

RNAse Inhibitor

Cat NO.	3302-004
Size:	4,000U
Store at	-15~25℃

Description: RNAse Inhibitor is an acidic, 52 kDa protein that is a potent non-competitive inhibitor of pancreatic-type ribonucleases such as RNase A, RNase B, and RNase C. The enzyme is provided as a fusion of the porcine RNAse Inhibitor gene with a proprietary, 22.5 kDa protein tag.

Size: 4,000Units

Source: A recombinant E. coli strain carrying the porcine RNAse Inhibitor gene.

Supplied in: 20 mM Hepes-KOH, 50 mM KCl, 8 mM DTT, 50% glycerol, pH 7.5 @ 25℃

Unit Definition One unit is defined as the amount of enzyme required to inhibit by 50% the hydrolysis of cytidine 2',3'-cyclic monophosphate by 5 ng of RNase A.

PRODUCT SPECIFICATION

Purity (SDS-PAGE)	>99%
SS Exonuclease	2000 U <5.0% released
DS Exonuclease	2000 U <1.0% released
DS Endonuclease	2000 U = No conversion
E.coli DNA Contamination	2000 U <10 copies
RNAse Contamination	2,000 U = No Detectable non-specific RNAse

This product is for research use only. Not for use in diagnostic procedures.

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