

# RiboGrip™ RNase Inhibitor



Some applications of this product may require a license which is not provided by the purchase of this product.

**For research use only.**

## Description

RiboGrip™ RNase Inhibitor is an *in silico*-designed protein-based ribonuclease inhibitor, which inactivates RNase A.

RiboGrip™ inhibits the activity of ribonuclease A by noncovalently binding in a non-competitive mode at a ratio of 1:1. This novel inhibitor has enhanced stability at room temperature with no loss of activity for up to 1 month.

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## Novel in-silico engineered, protein-based RNase inhibitor

93 /100 1 Citation

included in our cDNA synthesis kits and 1-step RT-qPCR kits reaction set-up and shipment without ice

## Ordering

Choose Product Size

50 rxn | 1000 U

200 rxn | 4000 U

20 rxn | 400 U **free sample**

REQUEST FOR BULK SIZE

## Applications

reventing RNA degradation in the following applications:

First-strand cDNA synthesis

RT-PCR

RT-qPCR

*in vitro* transcription and translation

## Properties

**Concentration:** 40 U/μl

**Source:** Purified from an *E.coli* strain that carries an overproducing plasmid containing a RiboGrip™ RNase Inhibitor gene.

**Storage and dilution buffer:** 50% glycerol (v/v), 20 mM Tris-HCl pH 7.5, 100 mM KCl, 0.1 mM EDTA, 5 mM DTT and stabilizers.

**Recommendations for use:** RiboGrip RNase Inhibitor™ is used generally at a final reaction concentration of 1 U/μl. Inactivated by heating at 85°C for 5 min.

**Included in** FIREScript® and SOLIScript® cDNA Synthesis Kits and Mixes, and in all SOLIScript® 1-step RT-PCR kits