

# Certificate of Analysis

## Product: RNasin Ribonuclease Inhibitor

Cat. No. \_\_\_\_\_  
Part No. \_\_\_\_\_  
Lot No. \_\_\_\_\_  
Order Date \_\_\_\_\_

**Storage Recommendations:** Always avoid multiple freeze-thaw cycles or exposure to frequent temperature changes. These fluctuations can greatly alter product stability.

**Long Term (Infrequent use; 1-2 times per month):** -70°C  
**Daily/weekly Use:** -20°C

Lot No. \_\_\_\_\_

### RNasin Ribonuclease Inhibitor (N2112S)

**Concentration:** 40 units/ $\mu$ l

**Unit Definition:** One unit is defined as the amount of RNasin Ribonuclease Inhibitor required to inhibit by 50% the activity of 5ng of ribonuclease A.

**Storage Buffer:** 20mM Hepes-KOH, pH 7.6, 50mM KCl, 8mM DTT and 50% glycerol

All ShineGene Inc. Products are assayed as needed to ensure performance at the given specifications. ShineGene Inc. certifies this product will perform to the stated specification is handled properly.

### Quality Control:

1. 20-40 unit/ $\mu$ l concentration (unless required differently by a customer).
2. No detectable nuclease activity.
3. No detectable ribonuclease activity with 200 units of RNasin (either untreated or preheated).
4. No detectable protease activity with 200 units of RNasin.



Shanghai  
ShineGene

Certified By: \_\_\_\_\_