

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/ μ 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.



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Quality Control:

1. 20-40 unit/ μ 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.

Certified By: _____