

Certificate of Analysis

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Product Name: SEQURNA

Catalog No.: 9028

Batch No.: 1

1. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance:	Colourless solution
Solubility:	Soluble in Aqueous solution (supplied at a concentration of 50 mass units/ μ L)
Storage:	Store at RT

2. ANALYTICAL DATA

RNase Inhibition Activity:	Pass
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Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Product Name: SEQRNA

Catalog No.: 9028

Batch No.: 1

Description:

SEQRNA is a synthetic thermostable RNase inhibitor for single-cell RNA-sequencing (scRNAseq), yielding single-cell libraries of equal or superior quality compared to ubiquitously used protein-based recombinant RNase inhibitors (RRIs). SEQRNA provides additional unique improvements in reproducibility and throughput, enables new experimental workflows including retained RNase inhibition throughout heat cycles, and can reduce the need for dry-ice transports. SEQRNA is robust to various harsh treatments, such as pH changes, heating, freeze-thaw and vortexing. SEQRNA is compatible with Tn5 tagmentation and can replace RRI in Smart-seq3 expres... Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

Physical Appearance: Colourless solution

Storage: Store at RT

Solubility & Usage Info:

Soluble in Aqueous solution (supplied at a concentration of 50 mass units/μL)

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:

Sold under licensing from Genovis AB including use of the SEQRNA trademark.

References:

Noble et al (2024) Introducing synthetic thermostable RNase inhibitors to single-cell RNA-seq. *Nat.Comm.* **15**. PMID: 39333520.

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