

Product Specification

Issued October 2025
Version 02

Product Name	SEQURNA® Thermostable RNase Inhibitor
Product Number	SQ-RIT-015, SQ-RIT-045
Product Composition	Proprietary synthetic RNase inhibitor mix in nuclease free water. 50 mass units/ μ l, 150 μ l solution per vial.
Non-biological synthesis:	SEQURNA Thermostable RNase Inhibitor is a fully chemically synthesized product. Unlike protein-based recombinant RNase Inhibitors, which may carry a risk of biological contamination from the production process (such as nucleases, nucleic acids, and other residual cell components), the chemical synthesis of SEQURNA ensures the elimination of these risks. This results in a product ideal for applications where contamination can compromise downstream applications.
Supplier	Genovis AB, Sweden
Appearance	Clear colorless solution
Activity	<p>Inhibition of RNase</p> <p>One unit SEQURNA Thermostable RNase Inhibitor is defined as a mass unit. 5 mass units/μl SEQURNA inhibits RNase in a 10 μl reaction with 200 ng ssRNA at 37°C for 1 hour.</p> <p>0.1 pg RNase A is inhibited by \geq50%</p> <p>0.1 pg RNase B is inhibited by \geq50%</p> <p>Performance tested in single-cell RNA-seq cDNA library generation.</p>
Shipping Conditions	Shipped at ambient temperature
Storage Temperature	15°C to 30°C.