

Product Specification

Version 01
Issued March 2026

Product Name	SEQURNA® Thermostable RNase Inhibitor HighConc
Product Number	SQ-RIT-515
Product Composition	Proprietary synthetic RNase inhibitor mix in nuclease free water. 500 mass units/ μ l, 150 μ l solution per vial.
Non-biological synthesis:	SEQURNA RNase Inhibitor Thermostable HighConc 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	Inhibition of RNase Quality Control 5 mass units/ μ l SEQURNA inhibits RNase in a 10 μ l reaction with 200 ng ssRNA at 37°C for 1 hour. 0.1 pg RNase A is inhibited by \geq 50% 0.1 pg RNase B is inhibited by \geq 50% Performance tested in single-cell RNA-seq cDNA library generation.
Quality Standard	ISO 9001:2015
Shipping Conditions	Shipped at ambient temperature
Storage Temperature	15°C to 30°C