

PRODUCT SPECIFICATION

Product Name:	TargetEx RibonEx RNase Inhibitor 40 U/μL (with NaCl)
Catalogue Number:	TGX-023-01/04
Concentration:	40 U/μL
Storage Temperature:	-20 °C
Shipping Condition:	Blue ice
Stability:	Stable for 2 years at -20 °C
Storage Buffer:	20 mM Hepes-NaOH (pH=7.5), 50 mM NaCl, 8 mM DTT, 50% glycerol
Amount:	2500/10000 Units

QUALITY CONTROL

Assay Name	Specification
Purity Assay	≥ 95% purity determined by SDS-PAGE
DNase Activity Assay	No detectable level of DNase activity was observed according to a fluorescence-based QC method
Latent RNase Activity Assay	No latent RNase activity was detected according to a gel-electrophoresis based QC method
Endonuclease Assay	No endonuclease activity was detected according to a gel-electrophoresis based QC method
Activity Assay	No detectable RNA degradation is observed in the presence of RNase, confirming activity as assessed by an agarose gel-based QC method
qPCR Assay	No measurable inhibitory effect on amplification is detected in a qPCR-based QC method

Testing confirms compliance with all defined specifications.

