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PRODUCT SPECIFICATION SHEET

PRODUCT SPECIFICATION

Product Name: TargetEx RibonEx RNase Inhibitor 2.5 mg/mL (with KCl)

Catalogue Number: TGX-034-BS/BM/BL

Concentration: 2.5 mg/mL ± 0.2 mg/mL (LOT specific)

Storage Temperature: -20 °C

Shipping Condition: Blue ice

Stability: Stable for 4 years at -20 °C

Storage Buffer: 20 mM Hepes-KOH (pH=7.5), 50 mM KCl, 8 mM DTT, 50% glycerol

Amount: Quantity varies according to request. Contact us for more details.

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.

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