

PRODUCT INFORMATION

GMP® Murine RNase Inhibitor

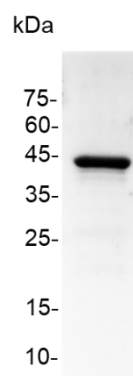
v. 250801

Catalog number	C15049-GMP-40KU
Package	40 KU
Description	Murine RNase Inhibitor effectively inhibits various RNases (RNase A, B, C). Its superior antioxidant activity, due to the absence of two oxidation-sensitive cysteine residues found in human inhibitors, makes it ideal for DTT-sensitive experiments like qPCR. Additionally, it is free from DNase, RNase, and Nickase contaminants, ensuring RNA sample integrity.
Expression System	Escherichia coli
Species of Origin	Mouse
Concentration	40 U/μL
Activity	One unit is defined as the amount of Murine RNase Inhibitor required to inhibit the activity of 5 ng of RNase A by 50%.
Endotoxin Level	<0.1 EU per 1 μg of the protein by the LAL method.
Purity	>95% as determined by SDS-PAGE analysis.
Form	Liquid.
Storage Buffer	20 mM HEPES-KOH, 50 mM KCl, 8 mM DTT, 50% glycerol, pH 7.6.
Stability & Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> • -20°C for long-term storage under sterile conditions. Avoid repeated free-thaw cycles.
Manufacturing Specifications	<p>Croyez GMP® recombinant proteins are manufactured in ISO 13485:2016 and GMP-certified facility. The processes include:</p> <ul style="list-style-type: none"> • Animal-free reagent and laboratory • Manufactured and tested under GMP guideline • Testing and traceability of raw material • Records of the maintenance and equipment calibration • Personnel training records • Batch-to-batch consistency • Documentation of QA control and process changes • Manufactured and tested under an ISO 13485:2016 certified quality

management system

- Stability monitor of product shelf-life
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Data



SDS-PAGE analysis of Croyez GMP® Murine RNase Inhibitor.

For Research Use Only.