

Active Native Bovine Ribonuclease

Cat. No. RNase-43B **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Bovine
Source	Bovine pancreas
Form	Freeze dried powder
Bio-activity	70 U/mg material or 81-90 U/mg material
Molecular Mass	~13.7 kDa
Unit Definition	Amount of enzyme causing the hydrolysis of RNA at a rate such that k (velocity constant) equals unity (kunits unists) at 25°C and pH 5.0.
Applications	Allow the product to reach room temp before opening the vial and dissolve in appropriate buffers for usage. Before returning to storage, re-dessicate under vacuum over silica gel for a minimum of 4 hours to provide best conditions for long term preservation of enzyme activity. Other buffers may be used for solubility as desired.
Usage	For research use only, not for diagnostic or therapeutic use.
Storage	The enzyme dissolve readily up to 5 mg/ml in water to give a clear solution. Store powder at -20°C or below under dry conditions.

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