Creative Enzymes®

Native Bovine Ribonuclease B

Cat. No. NATE-0656

Lot. No. (See product label)

Introduction

Description	Native RNase BS generated by subtilisin digestion of native RNase B comprising of amino acid residues 21-124 of RNase B, is sensitive to PNGase F digestion. Intramolecular N-glycans of bovine pancreatic RNase B function like chaperone. RNase B is found to be much faster than RNase A, while RNase A is liable to aggregate during regeneration. The stimulatory effect of Asn-oligosaccharide (which corresponds to the most predominant sugar chain of RNase B) reveals that the N-glycans of RNase B facilitates the transformation of bulky intermediates into folded, compact species.
Synonyms	Pancreatic ribonucleases; EC 3.1.27.5; RNase; RNase I; RNase B; pancreatic RNase; ribonuclease I; endoribonuclease I; ribonucleic phosphatase; alkaline ribonuclease; ribonuclease; gene S glycoproteins; Ceratitis capitata alkaline ribonuclease; SLSG glycoproteins; gene S locus-specific glycoproteins; S-genotype-asssocd. glycoproteins; ribonucleate 3'-pyrimidino-oligonucleotidohydrolase; 9001-99-4

Product Information

Species	Bovine
Source	Bovine pancreas
EC Number	EC 3.1.27.5
CAS No.	9001-99-4
Purity	> 80% (SDS-PAGE)
Activity	> 50 Kunitz units/mg protein

Usage and Packaging

Package	Package size based on protein content

Storage and Shipping Information

Storage	−20°C