Bioactive

Ribonuclease A

Catalog # P5301 Size 25 mg

Specification

Product Description	Lyophilized. Purified. A preparation equivalent to Cat. # P5301. Contains some aggregates as a result of lyophilization but shows no difference in specific activity.
Biological function	Pancreatic ribonuclease (RNase) is an endoribonuclease. There are two forms, RNase A and RNase B, RNase B is the glycosylated form of RNase A.
Host	Bovine
Theoretical MW (kDa)	13.7
Form	Lyophilized
Preparation Method	Native protein chromatographically purified from Bovine Pancreas
Activity	>=3,000 units per mg dry weight. One Kunitz unit is the amount of enzyme required to cause an increase in absorbance of 1.0 at 260 nm at 37°C (pH 5.0) when yeast rRNA is hydrolyzed to acid-soluble oligonucleotides. 50 units are equivalent to 1 Kunitz unit.
Recommend Usage	Ribonuclease Assay; RNA removal during DNA isolation; RNA sequence analysis; RNase protection assays; RNA quantification or mapping.
Storage Instruction	Store at 4°C on dry atmosphere.

Applications

- Enzyme Activity

Gene Info — RNASE1

Entrez GeneID	282340
Protein Accession#	P61823

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Gene Name	RNASE1
Gene Alias	RNS1
Gene Description	ribonuclease
Gene Ontology	Hyperlink
Other Designations	ribonuclease A (pancreatic)

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