Bioactive

Ribonuclease A, Molecular Biology Grade

Catalog # P5223 Size 1 mg

Specification

Product Description	Solution. DNase and protease free.
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	Liquid
Preparation Method	Native protein purified from Bovine Pancreas
Concentration	5 mg/mL
Activity	>=2,000 units per mg protein. 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 oligo nucleotides. 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 Buffer	In 50% glycerol
Storage Instruction	Store at 4°C. For long term storage store at -20°C.

Applications

- Enzyme Activity

Gene Info — RNASE1

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Entrez GeneID	282340
Protein Accession#	P61823
Gene Name	RNASE1
Gene Alias	RNS1
Gene Description	ribonuclease
Gene Ontology	Hyperlink
Other Designations	ribonuclease A (pancreatic)

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