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Datasheet for ABIN622231

RNASE1 Protein

Overview

Quantity:	100 mg
Target:	RNASE1
Origin:	Cow
Source:	Cow
Protein Type:	Native

Product Details

Characteristics:	Native Bovine Ribonuclease A
Purity:	> 85 % by SDS PAGE.
Sterility:	Sterile

Target Details

Target:	RNASE1
Alternative Name:	Ribonuclease A (RNASE1 Products)

Background: This product is purified RNase A isolated from bovine pancreas. RNase A is an endoribonuclease that exists as a single chain polypeptide containing 4 disulphide bridges. It can be inhibited by alkylation of the histidine-12 or histidine-119 that is present in the active site. Activators of RNase A include potassium and sodium salts. The optimal conditions for activity are 60°C and pH 7.6. Its molecular weight is 13.7 kDa, and activity is 85-140 U/mg protein.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: This product is lyophilized powder, if reconstitution, use sterile distilled water or a physiological buffer of choice.

Storage: -20 °C