

Datasheet: 8040-0106

Description:	NATIVE BOVINE RIBONUCLEASE A
Name:	RIBONUCLEASE A
Other names:	RNASE1
Format:	Purified
Product Type:	Purified Protein
Quantity:	100 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Functional Assays	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Bovine
Product Form	Purified Protein - lyophilised
Reconstitution	Reconstitute to a concentration of 1mg/ml with distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preservative Stabilisers	None present
External Database Links	UniProt: P61823 Related reagents Entrez Gene: 282340 RNASE1 Related reagents
Synonyms	RNS1

Product Information **Native ribonuclease A** 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 are 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.

CAS number: 9001-99-4

EC number: 3.1.27.5

Molecular Weight 13.7 kDa

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 6 months from date of reconstitution.

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10268 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10268.pdf>

Regulatory For research purposes only

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'M310156:170914'

Printed on 14 Sep 2017

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