

Datasheet: 8040-0106

BATCH NUMBER 146226

| | |
|----------------------|------------------------------|
| 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 appropriate negative/positive controls.

| | |
|---------------------------------|--|
| Target Species | Bovine |
| Product Form | Purified Protein - lyophilized |
| Reconstitution | Reconstitute to a concentration of 1.0 mg/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 | <p>UniProt:</p> <p>P61823 Related reagents</p> <p>Entrez Gene:</p> <p>282340 RNASE1 Related reagents</p> |

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

Protein 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.

Guarantee 6 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10268 available at:
<https://www.bio-rad-antibodies.com/SDS/8040-0106>
10268

Regulatory For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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