

Bioactive

## Ribonuclease T1 (*A. oryzae*)

Catalog # P5316

Size 100 ku

### Specification

|                             |   |
|-----------------------------|---|
| <b>Product Description</b>  | Solution. Animal Free highly purified, microbial (non-mammalian) broad specificity RNase prepared with non-animal components.                                 |
| <b>Biological function</b>  | Ribonuclease T1 is an endoribonuclease, highly specific for the cleavage of RNA or deaminated RNA.  |
| <b>Host</b>                 | Fungi   |
| <b>Theoretical MW (kDa)</b> | 11.1  |
| <b>Form</b>                 | Liquid  |
| <b>Preparation Method</b>   | Native protein purified from <i>Aspergillus oryzae</i>  |
| <b>Activity</b>             | $\geq 300,000$ units per mg protein. One Unit releases the equivalent of one A260 unit of acid-soluble products from yeast RNA in 15 minutes at 37°C, pH 7.5. |
| <b>Recommend Usage</b>      | Ribonuclease T1 Assay; RNA mapping and structure studies; Removal of RNA from DNA preparations; RNA protection assays; RNA sequencing.                        |
| <b>Storage Buffer</b>       | In 2.8 M ammonium sulfate.  |
| <b>Storage Instruction</b>  | Store at 4°C. This product is stable for at least 3 months.   |

### Applications

- Enzyme Activity