Creative Enzymes®

# Native Swine (Bovine) Ribonuclease

*Cat. No. PHAM-240*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Pancreatic Ribonuclease (RNase I) catalyzes cleavage of the phosphodiester bond between the 5'-ribose of a nucleotide and the phosphate group attached to the 3'-ribose of an adjacent pyrimidine nucleotide forming a 2',3'-cyclic phosphate which may then be hydrolyzed to the corresponding 3'-nucleoside phosphate. Ribonuclease A has a molecular weight of 13,700 daltons. It operates in an optimum pH range of 7.0-7.5. The high purity Ribonuclease is purified by re-crystallization, and then by Ion Exchange Chromatography and ultra-filtration. |
| ***Applications*** | As a laboratory analysis reagent, is scientific research institutions widely used. |
| ***Synonyms*** | RNase; RNase I; RNase A; pancreatic RNase; ribonuclease I; endoribonuclease I; ribonucleic phosphatase; alkaline ribonuclease; ribonuclease; gene S glycoproteins; Ceratitis capitata alkaline ribonuclease; SLSG glycoproteins; gene S locus-specific glycoproteins; S-genotype-assocd; glycoproteins; ribonucleate 3'-pyrimidino-oligonucleotidohydrolase |

## Product Information

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| ***Species*** | Swine (Bovine) |
| ***Source*** | Bovine (Swine) Pancrease |
| ***Appearance*** | White or pale yellow lyophilized powder |
| ***Molecular Weight*** | 13.7 kDa |
| ***Activity*** | No less than 50Kunitz units/mg, calculated on the dried basis |

## Storage and Shipping Information

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| ***Storage*** | Sealed, Dark, at temperature 2-8 centigrade |