

## pancreatic ribonuclease

Cat. No. EXWM-3603

Lot. No. (See product label)

### Introduction

#### Description

Specifically, the enzymes are involved in endonucleolytic cleavage of 3'-phosphomononucleotides and 3'-phosphooligonucleotides ending in C-P or U-P with 2',3'-cyclic phosphate intermediates. Ribonuclease can unwind the RNA helix by complexing with single-stranded RNA; the complex arises by an extended multi-site cation-anion interaction between lysine and arginine residues of the enzyme and phosphate groups of the nucleotides.

#### 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-associated glycoproteins; ribonuclease 3'-pyrimidino-oligonucleotidohydrolase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.1.27.5

#### CAS No.

9001-99-4

#### Reaction

Endonucleolytic cleavage to nucleoside 3'-phosphates and 3'-phosphooligonucleotides ending in Cp or Up with 2',3'-cyclic phosphate intermediates

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.