Creative Enzymes®

Native Swine (Bovine) Ribonuclease

Cat. No. PHAM-240

Lot. No. (See product label)

Introduction

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

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

Storage	Sealed, Dark, at temperature 2-8 centigrade