

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; SLGG glycoproteins; gene S locus-specific glycoproteins; S-genotype-associated; glycoproteins; ribonuclease 3'-pyrimidino-oligonucleotidohydrolase

Product Information

Species Swine (Bovine)

Source Bovine (Swine) Pancreas

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