

Product:	RIBONUCLEASE
Product code:	RN2
E.C. number:	3.1.27.5
CAS number:	9001-99-4
EINECS number:	232-646-6
Alternative names:	Pancreatic ribonuclease; RNase; RNase I; RNase A; Pancreatic RNase; Ribonuclease I; Endoribonuclease I.
Systematic name:	Ribonucleate 3'-pyrimidino-oligonucleotidohydrolase
Source:	Bovine pancreas
Form:	A freeze-dried material.
Storage conditions:	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below.
Unit definition:	That amount of enzyme causing the hydrolysis of RNA at a rate such that k (velocity constant) equals unity (Kunitz units) at 25°C and pH 5.0
Activity:	Not less than 70 U/mg material (RNase A content approximately 70%)
Solubility:	Dissolves readily at 2 mg/ml in analytical grade water to give a clear solution
Associated activity:	< 0.02pg Trypsin/µg