

<b>Product:</b>	<b>RIBONUCLEASE</b>
<b>Product code:</b>	<b>RN1F</b>
<b>E.C. number:</b>	3.1.27.5
<b>CAS number:</b>	9001-99-4
<b>EINECS number:</b>	232-646-6
<b>Alternative name:</b>	Pancreatic ribonuclease; RNase; RNase I; RNase A; Pancreatic RNase; Ribonuclease I; Endoribonuclease I.
<b>Systematic name:</b>	Ribonucleate 3'-pyrimidino-oligonucleotidohydrolase
<b>Source:</b>	Bovine pancreas
<b>Form:</b>	A freeze-dried material
<b>Storage conditions:</b>	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.
<b>Unit definition:</b>	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.
<b>Activity:</b>	Not less than <b>70U/mg material</b> (RNase A content approximately 70%) Bioburden: less than 50 CFU/gram.
<b>Solubility:</b>	Dissolves readily at 2mg/ml in analytical grade water to give a clear solution.