

**AR05086PU-N****Bovine RNASE1 - Purified**

<b>Alternate names:</b>	RIB-1, RIB1, RNS1, RNase 1, RNase A, Ribonuclease 1, Ribonuclease A, Ribonuclease pancreatic
<b>Quantity:</b>	0.1 g
<b>Uniprot ID:</b>	<a href="#">P61823</a>
<b>NCBI:</b>	<a href="#">NP_001014408</a>
<b>GeneID:</b>	<a href="#">282340</a>
<b>Species:</b>	Bovine
<b>Source:</b>	Bovine
<b>Format:</b>	<b>State:</b> Lyophilised purified protein <b>Reconstitution:</b> Use sterile distilled water or a physiological buffer of choice.
<b>Applications:</b>	ELISA. Functional Assays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	Purified RNase A isolated from bovine pancreas. RNase A is an endoribonuclease that exists as a single chain polypeptide containing 4 disulphide bridges. It can be inhibited by alkylation of the histidine-12 or histidine-119 that are present in the active site. Activators of RNase A include potassium and sodium salts. The optimal conditions for activity are 60°C and pH 7.6. <b>Molecular weight:</b> 13.7 kDa
<b>Storage:</b>	Store the protein at -20°C. Avoid repeated freezing and thawing. Shelf life: 6 month from despatch.