

Recombinant Human Ribonuclease Pancreatic/RNASE1 Protein(C-6His)

Cat.NO.: TP06095

3th Edition

Synonyms:Ribonuclease Pancreatic; HP-Rnase; RIB-1; RNase Upl-1; Ribonuclease 1; RNase 1; Ribonuclease A; RNase A; RNASE1; RIB1; RNS1

Description:Ribonuclease Pancreatic is a secreted enzyme that belongs to the pancreatic ribonuclease family. RNASE1 is an endonuclease that cleaves internal phosphodiester RNA bonds on the 3'-side of pyrimidine bases. RNASE1 prefers poly(C) as a substrate and hydrolyzes 2',3'-cyclic nucleotides, with a pH optimum near 8.0. RNASE1 acts on single stranded and double stranded RNA.

Form:PBS

Molecular Weight:55.0 kDa

Sequences:Lys29-Thr156

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.