

[Go to Product page](#)

Datasheet for ABIN7318992 RNASE1 Protein (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | RNASE1 |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RNASE1 protein is labelled with His tag. |

Product Details

| | |
|------------------|--|
| Purpose: | Recombinant Human Ribonuclease A/RNASE1 Protein (His Tag) |
| Sequence: | Lys29-Thr156 |
| Characteristics: | Recombinant Human Ribonuclease Pancreatic is produced by our Mammalian expression system and the target gene encoding Lys29-Thr156 is expressed with a 6His tag at the C-terminus. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

| | |
|-------------------|---|
| Target: | RNASE1 |
| Alternative Name: | Ribonuclease A/RNASE1 (RNASE1 Products) |
| Background: | Background: Ribonuclease Pancreatic is a secreted enzyme that belongs to the pancreatic ribonuclease family. RNASE1 is an endonuclease that cleaves internal phosphodiester RNA |

Target Details

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.

Synonym: Ribonuclease Pancreatic, HP-Rnase, RIB-1, RNase Upl-1, Ribonuclease 1, RNase 1, Ribonuclease A, RNase A, RNASE1, RIB1, RNS1

Molecular Weight: 55.0 kDa

UniProt: [P07998](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 10 % Glycerol, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.