

Human RNase A / Ribonuclease A / RNASE1 (His Tag) recombinant protein



Catalog Number: 500975

General Information

Gene Name Synonym

HP-RNase; RIB-1; RNase UpI-1; Ribonuclease 1; Ribonuclease A

Protein Construction

A DNA sequence encoding the human RNASE1 (P07998) (Met1-Thr156) was expressed with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

(81.9+12.3+4.7) % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Lys 29

Molecular Mass

The recombinant human RNASE1 comprises 139 amino acids and has a predicted molecular mass of 16 kDa. The apparent molecular mass of the protein is approximately 29 ,26 and 22 kDa in SDS-PAGE under reducing conditions

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

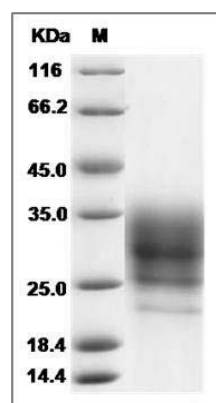
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human RNase A / Ribonuclease A / RNASE1 Protein (His Tag) SDS-PAGE