

Recombinant RNase H protein

Cat. No. RNASEH1-433H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant RNase H was expressed in E. coli.
Source	E.coli
Description	Ribonuclease H (RNase H) is an RNA-specific endonuclease that hydrolyzes single-stranded RNA via a magnesium or manganese cofactor. As such, RNase H is often used to remove the RNA template following reverse transcription or cDNA generation.
Form	Ribonuclease H (RNase H) is supplied in a buffer of 25 mM Tris-HCl (pH 7.5), 30 mM NaCl, 0.5 mM EDTA, 1 mM DTT and 50% glycerol.
Unit Definition	One unit is defined as the amount of enzyme required to produce 1 nmol of acid-soluble product in 20 minutes at 30°C and pH 7.7 using poly(rA)-poly(dT) as a substrate.
Applications	Removal of RNA template following second-strand cDNA synthesis;Removal of mRNA poly(A) sequence;Reverse transcription;
Storage	Store at -20 centigrade
Concentration	20–60 U/μ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA