

Recombinant Human RNASE1 Protein

Cat. No. RNASE1-6183H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human RNASE1 protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
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	Lyophilized powder/frozen liquid
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.

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Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name RNASE1 ribonuclease, RNase A family, 1 (pancreatic) [Homo sapiens (human)]

Official Symbol RNASE1

Synonyms RNASE1; ribonuclease, RNase A family, 1 (pancreatic); RNS1; ribonuclease pancreatic; RIB-1; RNase 1; RNase A; HP-RNase; RNase upl-1; ribonuclease 1; ribonuclease A; RIB1; MGC12408;

Gene ID 6035

mRNA Refseq NM_002933

Protein Refseq NP_002924

MIM 180440

UniProt ID P07998

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