

Recombinant Human RNASE4 protein, His-tagged

Cat. No. RNASE4-7921H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNASE4 aa. (Asp30~Gly147 (Accession # P34096)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp30~Gly147
Description	The protein encoded by this gene belongs to the pancreatic ribonuclease family. It plays an important role in mRNA cleavage and has marked specificity towards the 3' side of uridine nucleotides. Alternative splicing results in four transcript variants encoding the same protein. This gene and the gene that encodes angiogenin share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region.
Form	Freeze-dried powder
Molecular Mass	15 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	RNASE4 ribonuclease A family member 4 [Homo sapiens (human)]
Official Symbol	RNASE4
Synonyms	RNASE4; ribonuclease A family member 4; RAB1; RNS4; ribonuclease 4; RNase 4; ribonuclease A B1; ribonuclease, RNase A family, 4
Gene ID	6038
mRNA Refseq	NM_001282192.1
Protein Refseq	NP_001269121.1

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UniProt ID

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