

Recombinant Human RNASE6 protein, His-tagged

Cat. No. RNASE6-7923H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNASE6 aa. (Pro25~Leu150 (Accession # Q93091)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro25~Leu150
Description	The protein encoded by this gene is a member of the ribonuclease A superfamily and functions in the urinary tract. The protein has broad-spectrum antimicrobial activity against pathogenic bacteria.
Form	Freeze-dried powder
Molecular Mass	16 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 9.1.
Applications	SDS-PAGE; WB; ELISA; IP

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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	RNASE6 ribonuclease A family member k6 [Homo sapiens (human)]
Official Symbol	RNASE6
Synonyms	RNASE6; ribonuclease A family member k6; RAD1; RNS6; RNasek6; ribonuclease K6; ribonuclease A D1; ribonuclease, RNase A family, k6; testicular tissue protein Li 166
Gene ID	6039
mRNA Refseq	NM_005615.4
Protein Refseq	NP_005606.1
UniProt ID	Q93091

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