

Recombinant Human RNASE8 protein, His-tagged

Cat. No. RNASE8-7922H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNASE8 aa. (Trp19~Val154 (Accession # Q8TDE3)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Trp19~Val154
Description	The protein encoded by this gene belongs to the pancreatic ribonuclease family, a subset of the ribonuclease A superfamily. The protein is expressed prominently in the placenta and exhibits antimicrobial activity against pathogenic bacteria and fungi.
Form	Freeze-dried powder
Molecular Mass	17 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 8.4.
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	RNASE8 ribonuclease A family member 8 [Homo sapiens (human)]
Official Symbol	RNASE8
Synonyms	RNASE8; ribonuclease A family member 8; RAE2; ribonuclease 8; RNase 8, placental; ribonuclease, RNase A family, 8
Gene ID	122665
mRNA Refseq	NM_138331.2
Protein Refseq	NP_612204.1
UniProt ID	Q8TDE3

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