

## Recombinant Human RNASE12 protein, His-tagged

**Cat. No.** RNASE12-1621H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RNASE12 aa. (Glu21~Lys147 (Accession # Q5GAN4)) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Glu21~Lys147                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 16kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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-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.

**Isoelectric Point** 7.7

## GENE INFORMATION

**Gene Name** [RNASE12 ribonuclease A family member 12 \(inactive\) \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [RNASE12](#)

**Synonyms** RNASE12; ribonuclease A family member 12 (inactive); RAI1; HEL-S-85p; probable inactive ribonuclease-like protein 12; epididymis secretory sperm binding protein Li 85p; ribonuclease A l1; ribonuclease, RNase A family, 12 (non-active); ribonuclease-like protein 12

**Gene ID** [493901](#)

**mRNA Refseq** [NM\\_001024822.2](#)

**Protein Refseq** [NP\\_001019993.1](#)

**UniProt ID** [Q5GAN4](#)

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