

## Recombinant Full Length Mouse Rnaseh2a protein, His & T7-tagged

**Cat. No.** Rnaseh2a-7910M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Rnaseh2a aa. (Met1~Leu301 (Accession # Q9CWX8)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Met1~Leu301                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 37.2kDa                                                                                                                                                                                                                           |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                               |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                        |
| <b>Characteristic</b>   | The isoelectric point is 4.9.                                                                                                                                                                                                                               |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP                                                                                                                                                                                                                                     |
| <b>Stability</b>        | 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. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

(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 lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O.

## GENE INFORMATION

**Gene Name**

Rnaseh2a ribonuclease H2, large subunit [ *Mus musculus* (house mouse) ]

**Official Symbol**

Rnaseh2a

**Synonyms**

Rnaseh2a; ribonuclease H2, large subunit; RNHL; RNHIA; RNASEHI; 2400006P09Rik; ribonuclease H2 subunit A; RNase H2 subunit A; RNase HI large subunit; ribonuclease HI large subunit; ribonuclease HI subunit A

**Gene ID**

69724

**mRNA Refseq**

NM\_027187.3

**Protein Refseq**

NP\_081463.1

**UniProt ID**

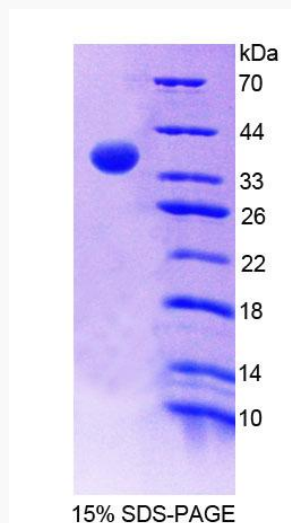
Q9CWY8

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA