

## Recombinant Human RNASE4 Protein (29-147 aa), His-sumostar-tagged

**Cat. No.** RNASE4-2552H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RNASE4 Protein (29-147 aa) is produced by Yeast expression system. This protein is fused with a 6xHis-sumostar tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length of Mature Protein. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                      |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 29-147 aa                                                                                                                                                                                                                                  |
| <b>Description</b>      | This RNase has marked specificity towards the 3' side of uridine nucleotides.                                                                                                                                                              |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 29.8 kDa                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | QDGM YQRFLRQH VHP EETGGSDRYCNLMMQRRKMTLYHCKRFNTFIHEDIWNIRSI<br>CSTTNIQCKNGKMNCHEGVVKVTD CRDTGSSRAPNCRYRAIASTRRVVIACEGNPQ<br>VPVHFDG                                                                                                        |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                           |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                               |

 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

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** RNASE4 ribonuclease A family member 4 [ Homo sapiens (human) ]

**Official Symbol** RNASE4

**Synonyms** RNASE4; RAB1; RNS4;

**Gene ID** 6038

**mRNA Refseq** NM\_001282192

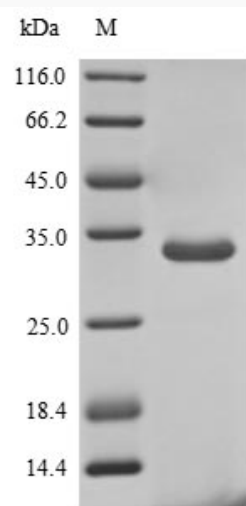
**Protein Refseq** NP\_001269121

**UniProt ID** P34096

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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