

PRODUCT INFORMATION

RNASE4 **Target Synonyms** RAB1;RNS4

Recombinant human RNASE4 protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** P34096 **Expression Host HEK293**

Tag C-6×His Tag

Molecular Characterization

Background

RNASE4(Gln29-Gly147) 6×His tag

The protein has a predicted molecular mass of **Molecular Weight**

14.6 kDa after removal of the signal peptide. The apparent molecular mass of RNASE4-His is approximately 10-15 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene belongs to the pancreatic ribonuclease family. It plays an

important role in mRNA cleavage and has marked specificity towards the 3' side of uridine nucleotides. Alternative splicing results in four transcript variants encoding the same protein. This gene and the gene that encodes angiogenin share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region. [provided by RefSeq, Aug

20131

Usage Research use only

Unconjugated Conjugate

Email: info@dimabio.com Website: www.dimabio.com





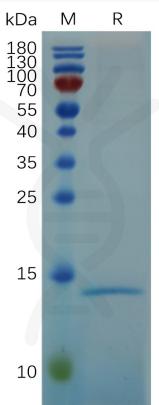


Figure 1. Human RNASE4 Protein, His Tag on SDS-PAGE under reducing condition.

[title text="Cited in Literature" color="rgb(21, 94, 173)"]

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Lee, H. H., Chuang, H. Y., Lin, K., Yeh, C. T., Wang, Y. M., Chi, H. C., & Lin, K. H. (2024). RNASE4 promotes malignant progression and chemoresistance in hypoxic glioblastoma via activation of AXL/AKT and NF-κB/cIAPs signaling pathways. American journal of cancer research, 14(9), 4320–4336. https://doi.org/10.62347/UDBJ5986 (PubMed)

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