HUMAN RNASE4 PROTEIN, HFC TAG

Cat.#: 11475

Product Name: Human RNASE4 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: RAB1;RNS4

Target: RNASE4

UNIPROT ID: P34096

Description: Recombinant human RNASE4 protein with C-terminal human Fc tag

Background: 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 2013]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 40 kDa after removal of the signal peptide.The apparent molecular mass of RNASE4-hFc is approximately 40-55 kDa due to glycosylation.

Molecular Characterization: RNASE4(Gln29-Gly147) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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

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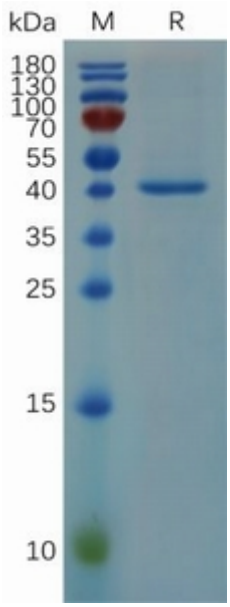

Figure 1. Human RNASE4 Protein, mFc Tag on SDS-PAGE under reducing condition.

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