MOUSE RNASE4 PROTEIN, HFC TAG

Cat.#: 12147

Product Name: Mouse RNASE4 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: C730049F20Rik;Rab1

Target: RNASE4

UNIPROT ID: Q9JJH1

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

Background: This gene encodes a member of the pancreatic ribonuclease A superfamily. The encoded enzyme is sereted and has unique uridine specificity. This gene resides in a cluster of highly related genes. It shares dual promoters and 5' exons with the angiogenin, ribonuclease, RNase A family, 5 gene. Each gene splices to a unique downstream exon that contains its complete coding region. Two alternatively spliced variants, with different 5' exons but the same coding exon, have been identified. [provided by RefSeq, Jun 2009]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 40.0 kDa after removal of the signal peptide.The apparent molecular mass of mRNASE4-hFc is approximately35-55 kDa due to glycosylation.

Molecular Characterization: Mouse RNASE4(Gln30-Arg148) 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.

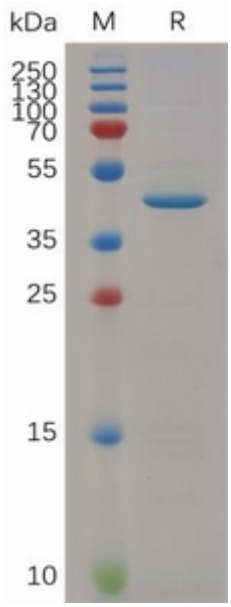

Figure 1. Mouse RNASE4 Protein, hFc Tag on SDS-PAGE under reducing condition.