Datasheet for ABIN7092831

RNASE4 Protein (AA 29-147) (Fc Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	RNASE4
Protein Characteristics:	AA 29-147
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASE4 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human RNASE4 protein with C-terminal human Fc tag
Specificity:	RNASE4 (Gln29-Gly147) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	RNASE4
Alternative Name:	RNASE4 (RNASE4 Products)
Background:	The protein encoded by this gene belongs to the pancreatic ribonuclease family. It plays an

Target Details

	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]
Molecular Weight:	predicted molecular mass of 40 kDa after removal of the signal peptide.The apparent molecular mass of RNASE4-hFc is 40-55 kDa due to glycosylation.
UniProt:	P34096

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months

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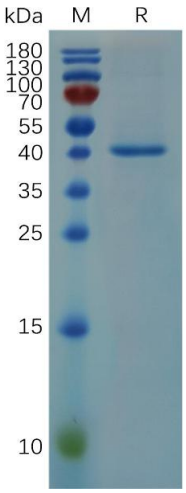

SDS-PAGE

Image 1. Human RN Protein, mFc Tag on SDS-PAGE under reducing condition.