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Datasheet for ABIN1691432

RNASE6 Protein (AA 24-150) (His tag)

Overview

Quantity:	50 µg
Target:	RNASE6
Protein Characteristics:	AA 24-150
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASE6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Ribonuclease K6/RNASE6 (C-6His)
Sequence:	WPKRLTKAHW FEIQHIQSP LQCNRAMSGI NNYTQHCKHQ NTFLHDSFQN VAAVCDLLSI VCKNRRHNCH QSSKPVNMTD CRLTSGKYPQ CRYSAQAQYK FFIVACDPPQ KSDPPYKLVP VHLDSILVDH HHHHH
Characteristics:	Recombinant Human Ribonuclease K6/RNASE6 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	RNASE6
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Target Details

Alternative Name:	Ribonuclease K6/RNASE6 (RNASE6 Products)
Background:	<p>Recombinant Human Ribonuclease K6/RNASE6 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Trp24-Leu150) of Human RNASE6 fused with a polyhistidine tag at the C-terminus.</p> <p>Ribonuclease K6 (RNASE6) is a secreted protein that belongs to the pancreatic ribonuclease family. Human RNASE6 is synthesized as a 150 AA precursor that contains a 23 AA signal sequence, and a 127 AA mature chain. RNASE6 is expressed in many tissues, with high expression levels in the lung, with lower expression levels in the heart, placenta, kidney, pancreas, liver, brain, and skeletal muscle. It is also detected in monocytes and neutrophils. RNASE6 may have a role in host defense.</p>
Molecular Weight:	15.69 kDa
UniProt:	Q93091

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 1 mM DTT, 10 % Glycerol, pH 7.5.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months