

Datasheet for ABIN5854791

RNASE3 Protein (AA 28-160) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	RNASE3 (ECP)
Protein Characteristics:	AA 28-160
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASE3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPRPPQFTR AQWFAIQHIS LNPPRCTIAM RAINNYRWRC KNQNTFLRTT FANVVNVCGN QSIRCPHNRT LNNCHRSRFR VPLLHCDLIN PGAQNISNCR YADRPGRRFY VVACDNRDPR DSPRYPVVPV HLDTTIHHHH HH
Purity:	> 95 % by SDS-PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	RNASE3 (ECP)
Alternative Name:	RNASE3 (ECP Products)
Background:	RNASE3, also known as Ribonuclease RNase A family 3, located in the eosinophil primary matrix. It released during degranulation of eosinophils. This protein is related to inflammation

Target Details

and asthma because in these cases, there are increased levels of ECP in the body. It is a potent cytotoxic protein capable of killing cells of guinea pig tracheal epithelium, mammalian leukemia, epidermis carcinoma, and breast carcinoma, as well as non-mammalian cells such as parasites, bacteria, and viruses. Recombinant human RNASE3 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 16.6kDa (142aa) 18-28KDa (SDS-PAGE under reducing conditions.)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

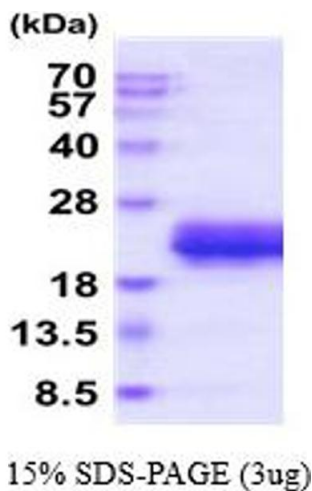
Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



SDS-PAGE

Image 1.