

Datasheet for ABIN7318311
Elastase 3A Protein (ELA3A) (His tag)



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Overview

Quantity:	50 µg
Target:	Elastase 3A (ELA3A)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Elastase 3A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CELA3A Protein (His Tag)
Sequence:	Ser16-His270
Characteristics:	Recombinant Human Chymotrypsin-Like Elastase Family Member 3A is produced by our Mammalian expression system and the target gene encoding Ser16-His270 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Elastase 3A (ELA3A)
Alternative Name:	CELA3A (ELA3A Products)
Background:	Background: Chymotrypsin-Like Elastase Family Member 3A (CELA3A) is an enzyme that contains one peptidase S1 domain. ELA3A belongs to the peptidase S1 family of the Elastase

Target Details

subfamily. ELA3A is secreted from the pancreas as a zymogen and, like other serine proteases such as trypsin, chymotrypsin and kallikrein, it has a digestive function in the intestine. ELA3A may also function in the intestinal transport and metabolism of cholesterol. ELA3A is efficient protease with alanine specificity but only little elastolytic activity. ELA3A preferentially cleaves proteins after alanine residues.

Synonym: Chymotrypsin-Like Elastase Family Member 3A, Elastase IIIA, Elastase-3A, Protease E, CELA3A, ELA3, ELA3A

Molecular Weight: 28.9 kDa

UniProt: [P09093](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 10 % Glycerol, pH 7.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.