

CELA3A 抗原（重组蛋白）

中文名称： CELA3A 抗原（重组蛋白）

英文名称： CELA3A Antigen (Recombinant Protein)

别名： chymotrypsin like elastase family member 3A; ELA3; ELA3A

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 29-270 amino acids of human CELA3A

技术规格

Full name:	chymotrypsin like elastase family member 3A
Synonyms:	ELA3; ELA3A
Swissprot:	P09093
Gene Accession:	BC008383
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, elastase 3A has little elastolytic activity. Like most of the human elastases, elastase 3A 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. Elastase 3A preferentially cleaves proteins after alanine residues. Elastase 3A may also function in the intestinal transport and metabolism of cholesterol. Both elastase 3A and elastase 3B have been

referred to as protease E and as elastase 1.