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32-9182: Recombinant Human CELA3A(C-His)

Alternative Name : Chymotrypsin-Like Elastase Family Member 3A; Elastase IIIA; Elastase-3A; Protease E; CELA3A; ELA3; ELA3A

Description

Source : Human 293 Cells;
Chymotrypsin-Like Elastase Family Member 3A (CELA3A) is an enzyme that belongs to the subfamily of serine proteases. Serine proteases hydrolyze many proteins in addition to elastin. ELA3A is secreted from the pancreas as a zymogen. Humans have six elastase genes that encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, ELA3A has little elastolytic activity. However, ELA3A is an efficient protease that preferentially cleaves proteins after alanine residues. Elastase 3A may also engage 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.

Product Info

Amount : 500 µg / 50 µg

Content : Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 10%Glycerol, pH7.5

Amino Acid : 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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.