

Datasheet for ABIN934548 **Elastase Protein**



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Overview

Quantity:	100 µg
Target:	Elastase
Origin:	Human
Source:	Human
Protein Type:	Native
Biological Activity:	Active

Product Details

Characteristics:	<p>Purified native Human Elastase protein</p> <p>Bioactivity: 20-22 units/mg - One unit of activity is defined as the amount of enzyme that hydrolyzes one micromole of Meo-suc-ala-pro-val-pNA per minute at 25o C in 100 mM Tris-HCl, pH 7.5, with 500 mM NaCl.</p> <p>Protein Source: Human neutrophils</p>
Purity:	> 95 % pure

Target Details

Target:	Elastase
Abstract:	Elastase Products
Background:	<p>Elastase degrades elastin, collagen, and proteoglycan and has been implicated in the development of pulmonary emphesema and rheumatoid arthritis. .</p> <p>Description: Human neutrophils.</p>

Target Details

Molecular Weight: 29.5 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: Supplied as a lyophilised powder.

Precaution of Use: Donor samples were tested and found to be negative for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.