

Product Datasheet



Product Description

Product:	Human PAI -1 Elastase specific mutant
Catalog Number:	IAPAI
Description:	A single mutation at the P1 position of PAI-1 alters the target specificity of PAI-1 from the plasminogen activators tPA and uPA to elastase. PAI-1 is normally a substrate for pancreatic and neutrophil elastase becoming cleaved at the P3 position. This mutant contains a P1 Alanine in place of the wild type Arginine residue resulting in an inhibitor of elastase as potent as alpha-1PI (antitrypsin).
Recommended Storage:	-70 C
Shipping Conditions:	Dry ice
Minimum Shelf Life:	3 years from delivery

Technical Information

Purity:	>95% by SDS-PAGE analysis
Source:	E. coli
Molecular Weight:	43,000
Extinction Coefficient:	1

Sample Characteristics

Lot Number:	IAPAI-SAMPLE
Aliquot:	1 x 0.5 mg
Concentration:	2.5 mg/ml
Volume:	0.2 ml
Buffer:	0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6
Form:	Frozen liquid

For In Vitro laboratory use only

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