

Datasheet for ABIN5710342
PAI1 Protein (AA 23-402) (His-SUMO Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	PAI1 (SERPINE1)
Protein Characteristics:	AA 23-402
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAI1 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	TLPLRESHTA HQATDFGVKV FQQVVQASKD RNVVFSPYGV SSVLAMLQMT TAGKTRRQIQ DAMGFKVNEK GTAHALRQLS KELMGPWNKN EISTADAIFV QRDLELVQGF MPHFFKLFQT MVKQVDFSEV ERARFIINDW VERHTKGMIN DLLAKGAVDE LTRLVLVNAL YFSGQWKTPF LEASTHQRLF HKSDGSTVSV PMMAQSNKFN YTEFTTPDGL EYDVVELPYQ RDTLSMFIAA PFEKDVHLSA LTNILDAELI RQWKGNMTRL PRLILPKFS LETEVDLRGP LEKLGMPDMF SATLADFTSL SDQEQLSVAQ ALQKVRIEVN ESGTVASSST AFVISARMAP TEMVIDRSFL FVVRHNPTET ILFMGQVMEP
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

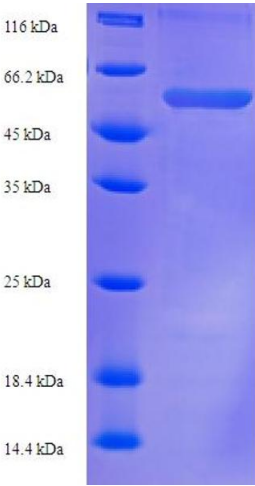
Target:	PAI1 (SERPINE1)
Alternative Name:	PAI1 (SERPINE1 Products)
Background:	Serine protease inhibitor. This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, protein C and matriptase-3/TMPRSS7. Its rapid interaction with PLAT may function as a major control point in the regulation of fibrinolysis .
Molecular Weight:	58.92 kDa
UniProt:	P22777
Pathways:	p53 Signaling , Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis , Autophagy , Smooth Muscle Cell Migration

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.