Datasheet for ABIN5853815

SERPIND1 Protein (AA 58-499) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	SERPIND1
Protein Characteristics:	AA 58-499
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPIND1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSDFHKENT VTNDWIPEGE EDDDYLDLEK IFSEDDDYID IVDSLSVSPT DSDVSAGNIL QLFHGKSRIQ RLNILNAKFA FNLYRVLKDQ VNTFDNIFIA PVGISTAMGM ISLGLKGETH EQVHSILHFK DFVNASSKYE ITTIHNLFRK LTHRLFRRNF GYTLRSVNDL YIQKQFPILL DFKTKVREYY FAEAQIADFS DPAFISKTNN HIMKLTKGLI KDALENIDPA TQMMILNCIY FKGSWVNKFP VEMTHNHNFR LNEREVVKVS MMQTKGNFLA ANDQELDCDI LQLEYVGGIS MLIVVPHKMS GMKTLEAQLT PRVVERWQKS MTNRTREVLL PKFKLEKNYN LVESLKLMGI RMLFDKNGNM AGISDQRIAI DLFKHQGTIT VNEEGTQATT VTTVGFMPLS TQVRFTVDRP FLFLIYEHRT SCLLFMGRVA NPSRS
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	SERPIND1

Target Details

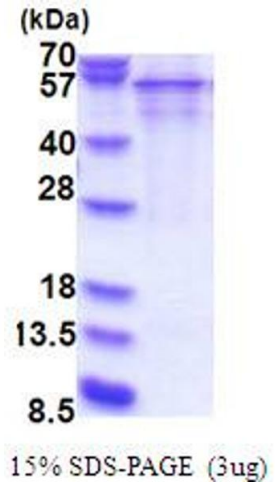
Alternative Name:	SERPIND1 (SERPIND1 Products)
Background:	SERIND1 is a serine proteinase inhibitor which rapidly inhibits thrombin in the presence of dermatan sulfate or heparin. This protein contains five exons and four introns. It shares homology with antithrombin III and other members of the alpha 1-antitrypsin superfamily. Mutations in this gene are associated with heparin cofactor II deficiency. Recombinant human SERIND1 protein, fused to His-tag at N-terminus, was expressed in E.coli
Molecular Weight:	53.3 kDa (465aa)
NCBI Accession:	NP_000176
UniProt:	P05546

Application Details

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

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol, 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.