

### Recombinant human PAI1 (mutated S119C) protein ab92830

#### 1 图像

#### 描述

产品名称	重组人PAI1 (mutated S119C)蛋白
生物活性	90 (+/-) 5% active by uPA titration Kinetic Data: Second order rate constants for inhibition of: uPA = $6.3 \times 10^6 \text{ M}^{-1}\text{s}^{-1}$ tPA = $5.7 \times 10^6 \text{ M}^{-1}\text{s}^{-1}$
纯度	> 95 % SDS-PAGE. > 98% pure by SDS PAGE
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
修饰	mutated S119C
描述	重组人PAI1 (mutated S119)蛋白

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab92830** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Functional Studies SDS-PAGE
形式	Liquid
补充说明	Solubility: > 2 mg/mL and < 5 mg/mL

This mutant contains a Ser to Cys replacement around the vitronectin binding site. Incorporation of an NBD labels allows for the reporting of binding to vitronectin.

#### 制备和贮存

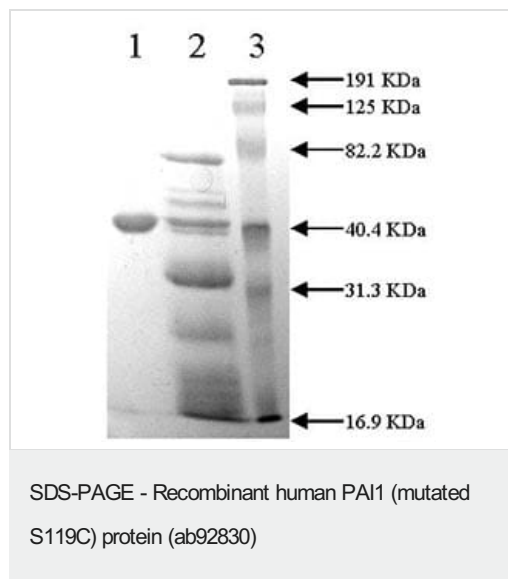
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 6.60 Constituents: 0.82% Sodium phosphate, 0.0292% EDTA, 0.58% Sodium chloride
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 常规信息

功能	This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, and protein C. Its rapid interaction with TPA may function as a major control point in the regulation of fibrinolysis.
组织特异性	Found in plasma and platelets and in endothelial, hepatoma and fibrosarcoma cells.
疾病相关	<p>Defects in SERPINE1 are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1D) [MIM:613329]. It is a hematologic disorder characterized by increased bleeding after trauma, injury, or surgery. Affected females have menorrhagia. The bleeding defect is due to increased fibrinolysis of fibrin blood clots due to deficiency of plasminogen activator inhibitor-1, which inhibits tissue and urinary activators of plasminogen.</p> <p>Note=High concentrations of SERPINE1 seem to contribute to the development of venous but not arterial occlusions.</p>
序列相似性	Belongs to the serpin family.
翻译后修饰	Inactivated by proteolytic attack of the urokinase-type (u-PA) and the tissue-type (TPA), cleaving the 369-Arg-Met-370 bond.
细胞定位	Secreted.

## 图片



10% SDS-PAGE analysis of ab92830

Lane 1: **ab92839** (3μg) Reduced

Lane 2: **ab92839** (3μg) + uPA (10μg) Reduced

Lane 3: Molecular weight markers

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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