

### Recombinant rat PAI1 (mutated I91L) protein ab92835

画像数 1

#### 製品の詳細

製品名	Recombinant rat PAI1 (mutated I91L) protein
生理活性	98 (+/-) 2% active by uPA titration. 98 (+/-) 2% active by uPA titration
精製度	> 95 % SDS-PAGE. > 98% pure by SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	<b><u>P20961</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Rat
予測される分子量	43 kDa

#### 特性

Our **Abpromise guarantee** covers the use of **ab92835** in the following tested applications.

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

アプリケーション	SDS-PAGE
	Functional Studies

製品の状態	Liquid
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備考	ab92835 has a single conservative mutation (Isoleucine to Leucine at amino acid 91) that yields a rat PAI1 with an enhanced half-life as compared to the wild type.
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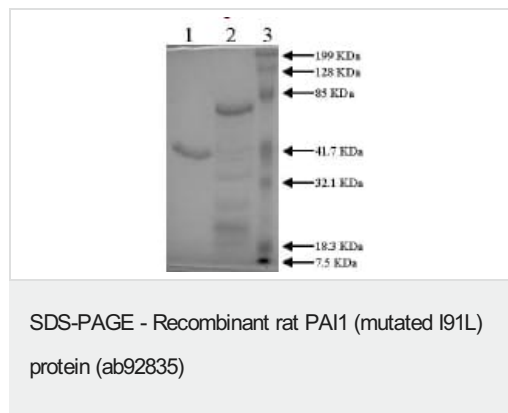
#### 前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 5.00 Constituents: 4.1% Sodium acetate, 0.0292% EDTA, 2.9% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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## 関連情報

機能	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.
組織特異性	Found in plasma and platelets and in endothelial, hepatoma and fibrosarcoma cells.
関連疾患	<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>
配列類似性	Belongs to the serpin family.
翻訳後修飾	Inactivated by proteolytic attack of the urokinase-type (u-PA) and the tissue-type (TPA), cleaving the 369-Arg-Met-370 bond.
細胞内局在	Secreted.

## 画像



### 10% SDS-PAGE

Lane 1: PAI1 (5 ug) Reduced

Lane 2: PAI1 (5 ug) + uPA-HTA (8 ug) Reduced

Lane 3: Prestained Standard

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

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