

Recombinant rat PAI1 (mutated I91L) protein ab92835

1 图像

描述

产品名称	重组大鼠PAI1 (mutated I91L)蛋白
生物活性	98 (+/-) 2% active by uPA titration. 98 (+/-) 2% active by uPA titration
纯度	> 95 % SDS-PAGE. > 98% pure by SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>P20961</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Rat
预测分子量	43 kDa

技术指标

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.

应用	SDS-PAGE Functional Studies
形式	Liquid
补充说明	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.

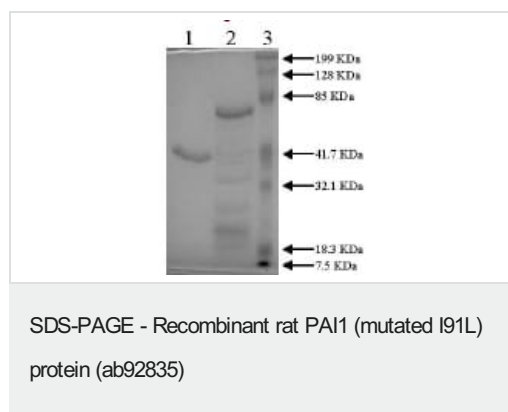
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 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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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	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. Note=High concentrations of SERPINE1 seem to contribute to the development of venous but not arterial occlusions.
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

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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