

Recombinant Human PAI1 (mutated P14R) protein ab92774

1 图像

描述

产品名称	重组人PAI1 (mutated P14R)蛋白
纯度	> 95 % SDS-PAGE. ab92774 is > 98% pure by SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>P05121</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
修饰	mutated P14R

技术指标

Our **Abpromise guarantee** covers the use of **ab92774** 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
形式	Liquid
补充说明	A single substitution at position P14 in the reactive center loop produces a PAI1 that becomes a substrate for proteinases rather than an inhibitor. ab92774 is also useful mechanistic studies.

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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常规信息

功能	This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, and protein C. Its rapid
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组织特异性

疾病相关

序列相似性

翻译后修饰

细胞定位

interaction with TPA may function as a major control point in the regulation of fibrinolysis.

Found in plasma and platelets and in endothelial, hepatoma and fibrosarcoma cells.

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.

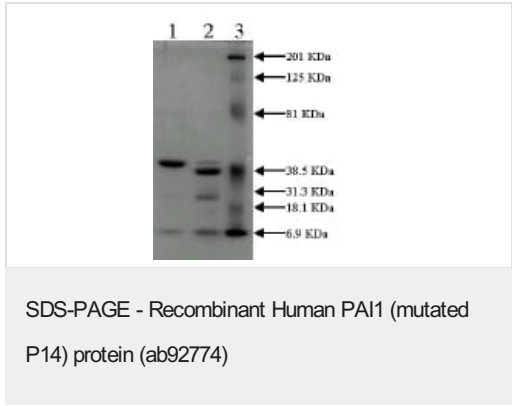
Note=High concentrations of SERPINE1 seem to contribute to the development of venous but not arterial occlusions.

Belongs to the serpin family.

Inactivated by proteolytic attack of the urokinase-type (u-PA) and the tissue-type (TPA), cleaving the 369-Arg-Met-370 bond.

Secreted.

图片



10% SDS-PAGE

Lane 1: PAI1 (3 ug) Reduced

Lane 2: PAI1 (3 ug) + Urokinase (0.5 ug) Reduced

Lane 3: Prestained Standard

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