

## Product datasheet

# Recombinant human Plasminogen kringle 1 + 2 + 3 protein ab73645

### 1 References

#### 製品の概要

製品名	Recombinant human Plasminogen kringle 1 + 2 + 3 protein
タンパク質長	Protein fragment

#### 製品の詳細

由来	Recombinant
由来	Escherichia coli

#### アミノ酸配列

生物種	Human
配列	VYLSECKTGN GKNYRGTMSK TKNGITCQKW SSTSPHRPRF SPATHPSEGL EENYCRNPDN DPQGPWCYTT DPEKRYDYCD ILECEEECMH CSGENYDGKI SKTMSGLECQ AWDSQSPHAH GYIPSKFPNK NLKKNYCRNP DRELRPWCFT TDPNKRWELC DIPRCTTPPP SSGPTYQCLKGTGENYRGNV AVTVSGHTCQ HWSAQTPHTH NRTPENFPCK NLDENYCRNP DGKRAPWCHT TNSQVRWEYC KIPSCDSSP

分子量	30 kDa
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配列の追加情報	Angiostatin Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 259 amino acids and having a molecular mass of approximately 30.0 kDa.
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#### 特性

Our [Abpromise guarantee](#) covers the use of **ab73645** 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	Functional Studies
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SDS-PAGE

精製度	> 95 % SDS-PAGE.
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ab73645 is purified by proprietary chromatographic techniques. Purity is greater than 95.0% as determined by RP-HPLC and SDS-PAGE. 0.2µm filtered.

**製品の状態** Lyophilised

## 前処理および保存

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**保存方法および安定性** Shipped at 4°C. Add 1% BSA for extra stability. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Preservative: None  
Constituents: 4% Mannitol, 20mM Sodium acetate, pH 5.5

This product is an active protein and may elicit a biological response in vivo, handle with caution.

**再構成** Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.

## 関連情報

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**関連性** Plasminogen is a plasma protein synthesised mostly in the liver. Plasma concentration is usually in the range of 70 to 200mg/l. Plasminogen is activated by tissue plasminogen activator, urokinase and streptokinase, to form plasmin. Activation results from the cleavage and release of the preactivation peptide. Angiostatin, an internal fragment of plasminogen, is a potent inhibitor of angiogenesis, which selectively inhibits endothelial cell proliferation. Angiostatin potently inhibits tumor growth and can maintain metastatic and primary tumors in a dormant state. It is defined by a balance of proliferation and apoptosis of the tumor cells. Angiostatin is one of the most potent angiogenesis inhibitors, and it contains the first four kringle domains of Plasminogen (K1-4). This molecule is generated by proteolytic cleavage of plasminogen.

**細胞内局在** Secreted

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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