

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 SKTMSGLEQC 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

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

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.

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