

Recombinant dog Urokinase protein ab92592

[1 References](#) [1 Image](#)

Description

Product name	Recombinant dog Urokinase protein
Purity	> 95 % SDS-PAGE. ab92592 is > 98% pure by SDS-PAGE.
Expression system	Insect cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Dog
Sequence	SHEFHPVSSASNCSCNLGGTCVSYKYFSNIQRCNCPPKF QGEHCEIDTSK TCYEGNGHSYRGKANTNTRGRPCLAWNSAAVLLKQYHAL RPDALQLGLGK HNYCRNPDHQRKPWCYVQVGLMQLVQECTVQHCSFEKN PHSPPEKAEFQC GQKALRPRFKIIGGEFTTIENQPWFAAIYRKHRGGSVTYQC GGSLISPCW
Amino acids	1 to 543

Specifications

Our **Abpromise guarantee** covers the use of **ab92592** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Liquid
Additional notes	Produced using non-baculovirus insect cells.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 5.00
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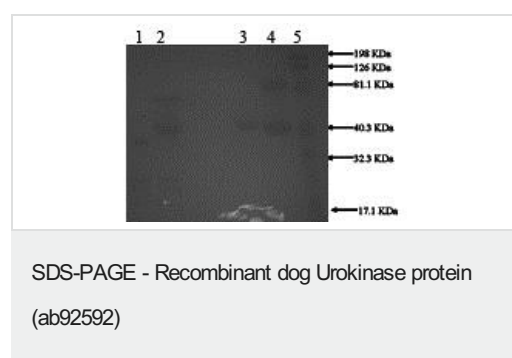
Constituents: 0.41% Sodium acetate, 0.0292% EDTA, 0.58% Sodium chloride

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

General Info

Function	Specifically cleave the zymogen plasminogen to form the active enzyme plasmin.
Tissue specificity	Expressed in the prostate gland and prostate cancers.
Sequence similarities	Belongs to the peptidase S1 family. Contains 1 EGF-like domain. Contains 1 kringle domain. Contains 1 peptidase S1 domain.
Post-translational modifications	Phosphorylation of Ser-158 and Ser-323 abolishes proadhesive ability but does not interfere with receptor binding.
Cellular localization	Secreted.

Images



10% SDS-PAGE

Lane 1: Urokinase (3 ug) Reduced

Lane 2: Urokinase (3 ug) + CPAI (12 ug) Reduced

Lane 3: Urokinase (3 ug) Non-reduced

Lane 4: Urokinase (3 ug) + CPAI (12 ug) Non-reduced

Lane 5: Prestained Standard

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

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