

Product datasheet

Recombinant dog Urokinase protein ab92592

1 Image

Overview

Product name Recombinant dog Urokinase protein

Protein length Full length protein

Description

Nature Recombinant

Source Insect cells

Amino Acid Sequence

Species Dog

Sequence SHEFHPVSSASNC SCLNGGTCVSYKYFSNIQRCNCPKKFQGEHCEIDTSK
 TCYEGNGHSYRGKANTNTRGRPCLAWNSAAVLLKQYHALRPDALQLGLGK
 HNYCRNPDHQRKPWCYVQVGLMQLVQECTVQHCSFEKNPHSPPEKAEFQC
 GQKALRPRFKIIGGEFTTIENQPWFAAIRKHRGGSVTYQCGGSLISPCW

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

Purity > 95 % SDS-PAGE.

ab92592 is > 98% pure by SDS-PAGE.

Form Liquid

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

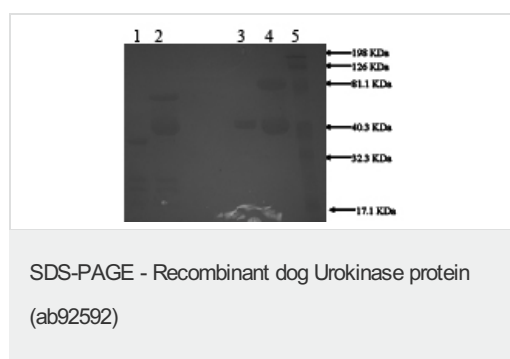
Constituents: 0.41% Sodium acetate, 0.0292% EDTA, 0.58% Sodium chloride

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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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