

# Recombinant mouse Urokinase protein ab92641

**1** [References](#)   [画像数 2](#)

### 製品の詳細

製品名	Recombinant mouse Urokinase protein
生理活性	The uPA activity of this product was tested using urokinase chromogenic substrate and standardized to the WHO 2nd International Standard for Human High Molecular Weight Urokinase, NIBSC 11/184. If you need the specific activity value please contact us with the lot# you require the data for.
精製度	> 98 % SDS-PAGE.
発現系	Insect cells
アクセッション番号	<b><u>P06869</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse
配列	<div> <div> GSVLGAPDES NCGCQNGGVC VSYKYFSRIR RCSCPRKFQG EHCEIDASKT CYHGNGDSYR GKANTDTKGR PCLAWNAPAV LQKPYNARHP DAISLGLGKH NYCRNPDNQK RPWCYVQIGL RQFVQECMVH DCSLSKKPSS SVDQQGFQCG QKALRPRFKI VGGEFTEVEN QPWFAAIYQK NKGGSPPSFK CGGSLISPCW VASAAHCFIQ LPKKENYVVY LGQSKESYN PGEMKFEVEQ LILHEYRED SLAYHNDIAL LKIRTSTGQC AQPSRSIQTI CLPPRFTDAP FGSDCEITGF GKESEDYLY PKNLKMSVVK LVSHEQCMQP HYYGSEINYK MLCAADPEWK TDCKGDSGG PLICNIEGRP TLSGIVSWGR GCAEKNKPGV YTRVSHFLDW IQSHIGEEKG LAF </div> </div>

予測される分子量	44 kDa
領域	21 to 433
配列の追加情報	(Gene ID: 18792) Full length mature protein, without the signal peptide.

### 特性

Our **Abpromise guarantee** covers the use of **ab92641** 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

ELISA

SDS-PAGE

Functional Studies

#### 製品の状態

Liquid

#### 備考

##### **Spectrophotometric Data:**

Ultraviolet Absorbance (280nm) = 0.9

epsilon<sup>0.1%</sup> = 1.48

*ab92641 demonstrates preferential binding to mouse uPAR over Human uPAR coated on an ELISA plate.*

Produced using non-baculovirus insect cells.

#### 前処理および保存

##### 保存方法および安定性

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.

#### 関連情報

##### 機能

Specifically cleave the zymogen plasminogen to form the active enzyme plasmin.

##### 組織特異性

Expressed in the prostate gland and prostate cancers.

##### 配列類似性

Belongs to the peptidase S1 family.

Contains 1 EGF-like domain.

Contains 1 kringle domain.

Contains 1 peptidase S1 domain.

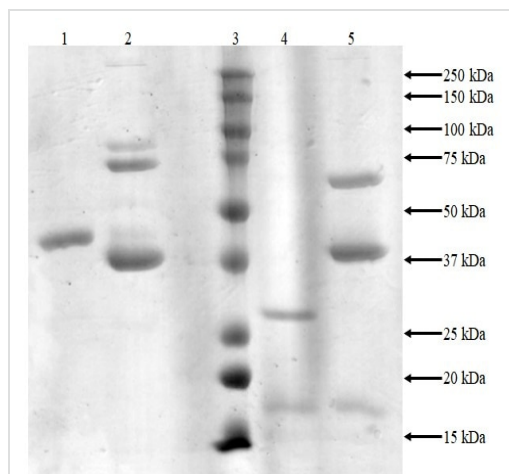
##### 翻訳後修飾

Phosphorylation of Ser-158 and Ser-323 abolishes proadhesive ability but does not interfere with receptor binding.

##### 細胞内局在

Secreted.

#### 画像



SDS-PAGE - Recombinant mouse Urokinase protein (ab92641)

SDS-PAGE analysis of mouse urokinase protein (ab92641) under reducing and non-reducing conditions in 12% SDS-PAGE. The urokinase protein is demonstrated to be active through the observed binding to Recombinant human PAI1 (mutated N150H + K154T + Q319L + M354I) protein (**ab92969**) (CPAI protein). CPAI is an inhibitor of urokinase, mutated to be more stable, and the two form a complex that migrates in the gel to a higher molecular weight.

The observed band at 44 kDa in lane 1 corresponds to mouse Urokinase protein under non-reducing conditions.

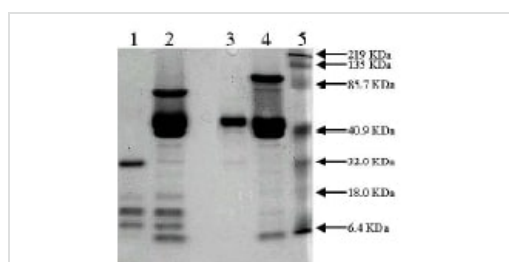
Lane 1: 3 µg mouse urokinase protein, non-reduced.

Lane 2: + CPAI, 10 µg, non-reduced.

Lane 3: Molecular Weight Markers

Lane 4: 3 µg mouse urokinase protein, reduced.

Lane 5: + CPAI, 10 µg, reduced.



SDS-PAGE - Recombinant mouse Urokinase protein (ab92641)

SDS-PAGE analysis of mouse urokinase protein (ab92641) under reducing and non-reducing conditions in 12% SDS-PAGE. The urokinase protein is demonstrated to be active through the observed binding to Recombinant human PAI1 (mutated N150H + K154T + Q319L + M354I) protein (**ab92969**) (CPAI protein). CPAI is an inhibitor of urokinase, mutated to be more stable, and the two form a complex that migrates in the gel to a high molecular weight.

The observed band at 44 kDa in lane 3 corresponds to mouse Urokinase protein under non-reducing conditions.

Lane 1: 5 µg mouse urokinase protein, reduced.

Lane 2: + CPAI, 20 µg, reduced.

Lane 3: 5 µg mouse urokinase protein, non-reduced.

Lane 4: + CPAI, 20 µg, non-reduced.

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

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