

Recombinant mouse Urokinase protein ab92641

1 References 2 图像

描述		
产品名称	重组小鼠Urokinase蛋白	
生物活性	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.	
纯度	> 98 % SDS-PAGE.	
表达系统	Insect cells	
Accession	<u>P06869</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Mouse	
序列	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 TDSCKGDSGG PLICNIEGRP TLSGIVSWGR GCAEKNKPGV YTRVSHFLDW IQSHIGEEKG LAF	
预测分子量	44 kDa	
氨基酸	21 to 433	
额外的序列信息	(Gene ID: 18792) Full length mature protein, without the signal peptide.	
技术指标		

Our <b>Abpromise guarantee</b> covers the use of <b>ab92641</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	ELISA SDS-PAGE Functional Studies
形式	Liquid
补充说明	<b>Spectrophotometric Data:</b>  Ultraviolet Absorbance (280nm) = 0.9  $\text{epsilon}^{0.1\%} = 1.48$  <i>ab92641 demonstrates preferential binding to mouse uPAR over Human uPAR coated on an ELISA plate.</i>  Produced using non-baculovirus insect cells.

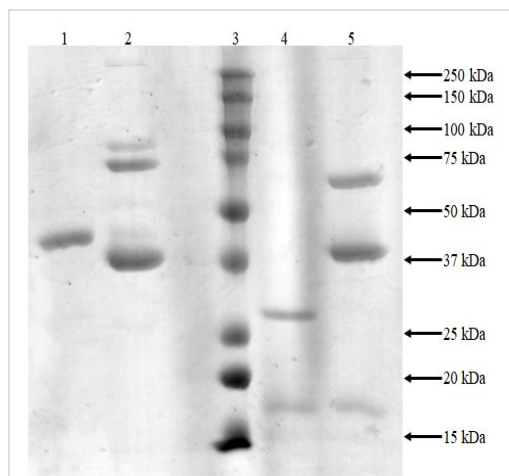
制备和贮存

稳定性和存储	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.
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常规信息

功能	Specifically cleave the zymogen plasminogen to form the active enzyme plasmin.
组织特异性	Expressed in the prostate gland and prostate cancers.
序列相似性	Belongs to the peptidase S1 family. Contains 1 EGF-like domain. Contains 1 kringle domain. Contains 1 peptidase S1 domain.
翻译后修饰	Phosphorylation of Ser-158 and Ser-323 abolishes proadhesive ability but does not interfere with receptor binding.
细胞定位	Secreted.

图片



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.

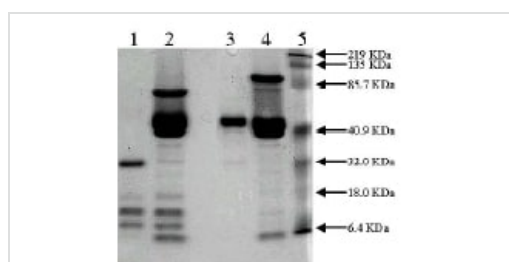
Lane 1: 3 µg mouse urokinase protein, non-reduced.

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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