

# Recombinant Human Kallikrein 7/KLK7 protein (denatured) ab134589

### 1 图像

#### 描述

产品名称	重组人Kallikrein 7/KLK7蛋白(denatured)
纯度	> 90 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<b><u>P49862</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<p>MGSSHHHHHSSGLVPRGSHMGSHMIIDGAPCARGSHPWQVA            LLSGNQLH            CGGVLVNERWVLTAAHCKMNEYTVHLGSDTLGDRRAQRIKAS            KSFRLPGY            STQTHVNDLMLVKLNSQARLSSMVKKVRLPSRCEPPGTTCTV            SGWGTTTS            PDVTFPSDLMCVDVKLISPQDCTKVYKDLENSMLCAGIPDS            KKNACNGD            SGGPLVCRGTLQGLVSWGTFPCGQPNDPGVYTQVCKFTKWIN            DTMKKHR</p>
预测分子量	27 kDa including tags
氨基酸	30 to 253
标签	His tag N-Terminus

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab134589** in the following tested applications.

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

应用	SDS-PAGE
形式	Liquid
补充说明	This product was previously labelled as Kallikrein 7

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 12.01% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## 常规信息

### 功能

May catalyze the degradation of intercellular cohesive structures in the cornified layer of the skin in the continuous shedding of cells from the skin surface. Specific for amino acid residues with aromatic side chains in the P1 position. SCCE cleaves insulin B chain at '6-Leu-Cys-7', '16-Tyr-Leu-17', '25-Phe-Tyr-26' and '26-Tyr-Thr-27'. Could play a role in the activation of precursors to inflammatory cytokines.

### 组织特异性

Abundantly expressed in the skin and is expressed by keratinocytes in the epidermis. Also expressed in the brain, mammary gland, cerebellum, spinal cord and kidney. Lower levels in salivary glands, uterus, thymus, thyroid, placenta, trachea and testis. Up-regulated in ovarian carcinoma, especially late-stage serous carcinoma, compared with normal ovaries and benign adenomas (at protein level).

### 序列相似性

Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.

### 细胞定位

Secreted. In ovarian carcinoma, secreted and also observed at the apical membrane and in cytoplasm at the invasive front.

## 图片



15% SDS-PAGE analysis of 3 µg ab134589.

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

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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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