abcam

Product datasheet

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 P49862

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MGSSHHHHHHSSGLVPRGSHMGSHMIIDGAPCARGSHPWQVA

LLSGNQLH

 ${\tt CGGVLVNERWVLTAAHCKMNEYTVHLGSDTLGDRRAQRIKAS}$

KSFRHPGY

STQTHVNDLMLVKLNSQARLSSMVKKVRLPSRCEPPGTTCTV

SGWGTTTS

PDVTFPSDLMCVDVKLISPQDCTKVYKDLLENSMLCAGIPDS

KKNACNGE

SGGPLVCRGTLQGLVSWGTFPCGQPNDPGVYTQVCKFTKWIN

DTMKKHR

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

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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.

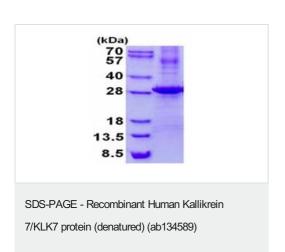
Contains 1 peptidase S1 domain.

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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