

Recombinant Human Kallikrein 8/KLK8 protein ab151665

描述		
产品名称	重组人Kallikrein 8/KLK8蛋白	
纯度	> 95 % SDS-PAGE.	
内毒素水平	< 1.000 Eu/μg	
表达系统	HEK 293 cells	
Accession	<u>O60259</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	QEDKVLGGHECQPHSQPWQAALFQGQQLLCGGVLVGGNWVLTA AAHCKKPK YTVRLGDHSLQNKDGPEQEIPVVQSIHPHCYNSSDVEDHNHD LMLLQLRD QASLGSKVKPISLADHCTQPGQKCTVSGWGTVTSPRENF PDT LNCAEVKI FPQKKCEDAYPGQITDVMVCAGSSKGADTCQGDSSGGLVCDG ALQGITSW GSDPCGRSDKPGVYTNICRYLDWIKKIIGSKG	
氨基酸	29 to 260	
标签	His tag C-Terminus	

技术指标		
Our Abpromise guarantee covers the use of ab151665 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 HPLC	
形式	Liquid	
补充说明	This product was previously labelled as Kallikrein 8	

制备和贮存

稳定性和存储

Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 0.88% Sodium chloride

常规信息

功能

Serine protease which is capable of degrading a number of proteins such as casein, fibrinogen, kininogen, fibronectin and collagen type IV. Also cleaves L1CAM in response to increased neural activity. Induces neurite outgrowth and fasciculation of cultured hippocampal neurons. Plays a role in the formation and maturation of orphan and small synaptic boutons in the Schaffer-collateral pathway, regulates Schaffer-collateral long-term potentiation in the hippocampus and is required for memory acquisition and synaptic plasticity. Involved in skin desquamation and keratinocyte proliferation. Plays a role in the secondary phase of pathogenesis following spinal cord injury.

组织特异性

Isoform 1 is predominantly expressed in the pancreas. Isoform 2 is expressed in adult brain and hippocampus. Isoform 1 and isoform 2 are found in fetal brain and placenta. Detected in salivary gland, uterus, thymus, breast, testis and kidney but not in spleen, liver, lung or normal ovarian tissue. Displays an 11.5-fold increase in Alzheimer disease hippocampus compared to controls and is overexpressed in some ovarian carcinomas. Expressed at low levels in normal skin while high levels are found in psoriasis vulgaris, seborrheic keratosis, lichen planus and squamous cell carcinoma skin samples. Expressed in the keratinocytes.

序列相似性

Belongs to the peptidase S1 family. Kallikrein subfamily.

Contains 1 peptidase S1 domain.

细胞定位

Secreted. Cytoplasm. Shows a cytoplasmic distribution in the keratinocytes.

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

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