Datasheet for ABIN6387824

Kallikrein 7 Protein (KLK7) (AA 1-181) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Kallikrein 7 (KLK7)
Protein Characteristics:	AA 1-181
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPMNEYTVH LGSDTLGDRR AQRIKASKSF RHPGYSTQTH VNDLMLVKLN SQARLSSMVK KVRLPSRCEP PGTTCTVSGW GTTTSPDVTF PSDLMCVDVK LISPQDCTKV YKDLLENSML CAGIPDSKKN ACNGDSGGPL VCRGTLQGLV SWGTFPCGQP NDPGVYTQVC KFTKWINDTM KKHRHHHHHH
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	Kallikrein 7 (KLK7)
Alternative Name:	Kallikrein 7/KLK7 (KLK7 Products)
Background:	KLK7, as known as kallikrein-7 isoform 2, is a secreted protein which belongs to the peptidase

Target Details

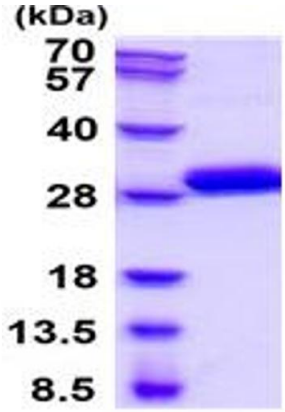
	S1 family and kallikrein subfamily. Members of the kallikrein family are involved in various malignancies such as prostate (PSA, KLK2, KLK15), ovarian (KLK4, KLK5, KLK6, KLK8, KLK10), and breast cancer (KLK10, KLK13, LKL14). This protein is expressed in the skin, a major physiological function of KLK7 is to regulate the desquamation process through proteolysis of the intercellular adhesive structure between corneocytes. Recombinant human KLK7, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	20.9 kDa (190aa)
NCBI Accession:	NP_001193982
UniProt:	P49862
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.