

Datasheet for ABIN7596401

## Kallikrein 11 Protein (KLK11) (AA 19-250) (His tag)



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### Overview

Quantity:	250 µg
Target:	Kallikrein 11 (KLK11)
Protein Characteristics:	AA 19-250
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 11 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	ADLETRIIKG FECKPHSQPW QAALFEKTRL LCGATLIAPR WLLTAAHCLK PRYIVHLGQH NLQKEEGCEQ TRTATESFPH PGFNNSLPNK DHRNDIMLVK MASPVSITWA VRPLTLSSRC VTAGTSCSLIS GWGSTSSPQL RLPHTLRCAN ITIIHQKCE NAYPGNITDT MVCASVQEGG KDSCQGDGG PLVCNQSLQG IISWGQDPCA ITRKPGVYTK VCKYVDWIQE TMKNNHHHHH H
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

### Target Details

Target:	Kallikrein 11 (KLK11)
Alternative Name:	Kallikrein 11/KLK11 ( <a href="#">KLK11 Products</a> )
Background:	KLK11, also known as kallikrein-11 isoform 1, is belongs to the peptidases S1 family and

## Target Details

Kallikrein subfamily. It is expressed in many tissues including cerebellum, prostate, salivary glands, stomach, lung, thymus, small intestine, spleen, liver, and uterus. These expression appear to be regulated by steroid hormones in the breast carcinoma cell line BT-474. Based on its serum levels, this protein has been proposed that ovarian cancer cases can be distinguished from healthy controls, who display very low expression. Also, it that is activated by thermolysin is active against thioester substrates such as dichloroisocoumarin and aprotinin. Recombinant human KLK11, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 26.7 kDa (241aa)

NCBI Accession: [NP\\_006844](#)

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

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.