

Datasheet for ABIN5709811

Kallikrein 7 Protein (KLK7) (AA 28-253) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Kallikrein 7 (KLK7)
Protein Characteristics:	AA 28-253
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	HHSSGLVPRG SHMDDDDKII DGAPCARGSH PWQVALLSGN QLHCGGVLVN ERWVLTAAHC KMNEYTVHLG SDTLGDRRAQ RIKASKSFRH PGYSTQTHVN DLMLVKLNSQ ARLSSMVKKV RLPSRCEPPG TTCTVSGWGT TTSPDVTFPS DLMCVDVKLI SPQDCTKVYK DLENSMLCA GIPDSKKNAC NGDSGGPLVC RGTLQGLVSW GTFPCGQPND PGVYTQVCKF TKWINDTMKK HR
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Kallikrein 7 (KLK7)
Alternative Name:	KLK7 (KLK7 Products)
Background:	May catalyze the degradation of intercellular cohesive structures in the cornified layer of the

Target Details

skin in the continuous shedding of cells from the skin surface. Specific for amino acid residues with aromatic side chains in the P1 position. Cleaves insulin A chain at '14-Tyr-I-Gln-15' and insulin B chain at '6-Leu-I-Cys-7', '16-Tyr-I-Leu-17', '25-Phe-I-Tyr-26' and '26-Tyr-I-Thr-27'. Could play a role in the activation of precursors to inflammatory cytokines.

Molecular Weight: 55.8 kDa

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

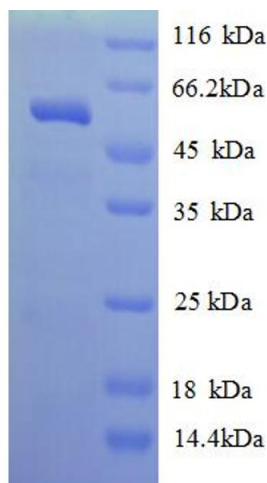
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.