

Datasheet for ABIN1001040

**Kallikrein 6 Protein (KLK6) (AA 17-244) (His tag)**[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	Kallikrein 6 (KLK6)
Protein Characteristics:	AA 17-244
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 6 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

## Product Details

Purpose:	Kallikrein 6 (KLK-6) (Western Blot Control)
Sequence:	PWEEQNKL VH GGPCDKTSH P YQAALYTS GH LLCGGVLIHP PWEEQNKL VH GGPCDKTSH P YQAALYTS GH LLCGGVLIHP PWEEQNKL VH GGPCDKTSH P YQAALYTS GH LLCGGVLIHP PWEEQNKL VH GGPCDKTSH P YQAALYTS GH LLCGGVLIHP PWEEQNKL VH GGPCDKTSH P YQAALYTS GH LLCGGVLIHP NIPCGSKEKP GVYTNVCRYT NWIQKTIQAK Z
Characteristics:	recombinant Kallikrein-6 comprises a 228 amino acid fragment (17-244) corresponding to the mature Kallikrein-6 protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

## Target Details

Target:	Kallikrein 6 (KLK6)
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## Target Details

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Alternative Name: Kallikrein 6 ([KLK6 Products](#))

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Background: Kallikreins are a subgroup of serine proteases having diverse physiological functions, from carcinogenesis to novel cancer biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. The KLK-6 enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimer's disease. KLK-6, Kallikrein-Related Peptidase 6, Protease Serine 9, Prss9, Protease M, Neurosin, SP59, Serine Protease 18

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Molecular Weight: 30.49 kDa

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UniProt: [Q92876](#)

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Pathways: [Complement System](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

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Preservative: Dithiothreitol (DTT)

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Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20 °C

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