

Datasheet for ABIN934626  
**Kallikrein 1 Protein (KLK1)**



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## Overview

Quantity:	50 µg
Target:	Kallikrein 1 (KLK1)
Origin:	Human
Source:	Human
Protein Type:	Native
Biological Activity:	Active

## Product Details

Characteristics:	Purified native Human KLK1 protein Bioactivity: 15 units/mg - One unit of activity is defined as the amount of enzyme that hydrolyzes one m of D-Pro-Phe-Arg-pNA per minute at 25 °C, pH 7.8. Protein Source: Human plasma
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Purity:	> 95 % pure
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## Target Details

Target:	Kallikrein 1 (KLK1)
Alternative Name:	KLK1 ( <a href="#">KLK1 Products</a> )
Background:	Kallikreins are a subgroup of serine proteases and are implicated in carcinogenesis. The novel KLK gene, KLK-L2 (also known as KLK5) is expressed in breast, brain, and testis and is up-regulated by estrogens and progestins. Description: Human plasma. Alternative Names: KLK1, Kallikrein 1 protein, KLK 1 protein, KLK-1, KLK 1, KLK-1 protein, KLK-1

## Target Details

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protein

Molecular Weight: 86-88 kDa

Pathways: [Complement System](#)

## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

## Handling

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Buffer: 20 mM Tris-HCl, pH 7.8, with 100 M NaCl.

Precaution of Use: Donor samples were tested and found to be negative for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -80 °C

Storage Comment: Aliquot and store at -70 °C or lower.