

## Human Kininogen (Single Chain High Molecular Weight)

Cat. No. CZY-028

Lot. No. (See product label)

### Introduction

**Description** High Molecular Weight Kininogen (HK) is a non-enzymatic cofactor of the contact activation system. HK is thought to have two functions in the contact activation system. First, HK links Prekallikrein to a negatively charged surface thereby allowing activation of Kallikrein by surface bound Factor a-XIIa. HK also forms a complex with Factor XI and accelerates its activation to XIa by a-XIIa. Additionally HK serves as a source of Bradykinin, a potent vasoactive peptide important in hypotension studies. The protein purity is determined by SDS-PAGE.

### Product Information

<b>Source</b>	Human
<b>Molecular Weight</b>	120000
<b>Purity</b>	>95% by SDS-PAGE
<b>Concentration</b>	1.91 mg/mL (before lyophilization)
<b>Buffer</b>	4 mM Sodium Acetate-HCl, 0.15 M NaCl, pH 5.3
<b>Localization</b>	Plasma
<b>Extinction coefficient</b>	7.01

### Usage and Packaging

<b>Package</b>	1mg
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### Storage and Shipping Information

<b>Storage</b>	2-8°C
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