Creative Enzymes®

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

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

Usage and Packaging

Package	1mg

Storage and Shipping Information

Storage	2-8°C