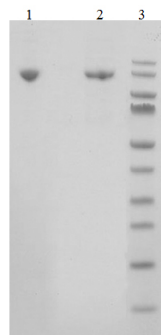


KNK1

Native Human Kininogen, Single Chain HMW, Plasma

Catalog No.	CSI19804B	Quantity:	1 mg
Alternate Names:	Kininogen-1, High molecular weight kininogen (HMWK)		
Description:	HMW kininogen, synthesized by hepatocytes, is a multifunctional protein. It is the precursor protein of bradykinin. In addition it is a nonenzymatic cofactor of the contact activation system of factor XI, XII, and prekallikrein and a major extra-cellular cysteine proteinase inhibitor. Kininogen links prekallikrein to a negatively charged surface thereby allowing activation to kallikrein by surface bound Factor alpha-XIIa. Kininogen also forms a complex with Factor XI and accelerates its activation to XIa by alpha-XIIa. Kininogens inhibit systemic proteases which are thought to have a part in various diseases such as cancer, muscular dystrophy and joint disease.		
UniProt ID:	P01042		
Gene ID:	3827		
Concentration:	2.0 mg/ml		
Source:	Human plasma		
Molecular Weight:	120 kDa		
Formulation:	0.004 M Sodium Acetate, 0.15 M NaCl, pH 5.3.		
Purity:	>95% by SDS-PAGE and >95% single chain		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 0.701$		
Storage & Stability:	Store at -80°C for at least 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		
Certification:	Prepared from plasma found negative by FDA accepted methods for Anti-HIV1/2, Anti-HTLV I & II, HBsAg, Anti-HCV, Syphilis, HBC Ab, HIV-1 p24 Ag or HIV-1 RNA, HCV RNA and HBV RNA. Donors are screened for CJD (Creutzfeldt-Jakob Disease).		



1. Human Single Chain HMW Kininogen (3 ug) NR
2. Human Single Chain HMW Kininogen (3 ug) R
3. Molecular Weight Markers

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com