

KNG1

Native Human Kininogen LMW

Catalog No.	CSI19805A CSI19805B	Quantity:	100 µg 0.5 mg
Alternate Names:	BDK, KNG		
Description:	Low Molecular Weight (LMW) Kininogen is derived from human plasma.		
Gene ID:	3827		
Source:	Human plasma		
Molecular Weight:	65 kDa		
Formulation:	Lyophilized powder produced from a solution containing 0.01 M Sodium Acetate Buffer + 0.25 M NaCl, pH 5.5.		
Purity:	>95% by SDS-PAGE analysis.		
Endotoxin Level:	< 0.1 ng/µg of protein		
Reconstitution:	Add deionized water to original volume, aliquot and freeze unused portion.		
Storage & Stability:	Store at -80°C. Stable for 3 years from delivery. Avoid repeated freeze-thaw cycles.		
Background:	LMW Kininogen is involved in blood pressure regulation since it is an endogenous protein substrate for tissue kallikrein. Proteolytic cleavage by kallikrein releases vasoactive bradykinin from LMW kininogen. In addition, LMW kininogen, like HMW kininogen, is a major extracellular cysteine protease inhibitor.		
Certification:	The protein is derived from plasma that has been shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

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