

Prekallikrein, Human Plasma

CATALOG #:	7685-100	100 µg
ALTERNATE NAMES:	Fletcher factor, Kininogenin.	
SOURCE:	Human Plasma. purified from Human plasma that was tested and 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).	
MOL. WEIGHT:	86 kDa	
PURITY:	≥ 95% by SDS-PAGE; Shows no reduction upon incubation with 2-mercaptoethanol.	
EXTINCTION COEFFICIENT (1%):	11.7	
FORM:	Liquid	
FORMULATION:	In 4 mM Sodium Acetate-HCl, 0.15 M NaCl, pH 5.3.	
ACTIVITY:	Lot dependant. Determined via clotting assay.	
STORAGE CONDITIONS:	Store at -60°C or lower. Avoid repeated freezing and thawing cycles.	
DESCRIPTION:	Prekallikrein is the glycosylated single chain zymogen precursor of the plasma serine protease kallikrein. Plasma prekallikrein circulates with kininogen and is activated by Factor XIIa in the intrinsic coagulation pathway. Kallikrein activates plasminogen in fibrinolysis and cleaves kininogen in the bradykinin system of vasodilation. Prekallikrein deficiency is rare and causes increased activated partial thromboplastin time. Elevated plasma prekallikrein is associated with diabetes and cardiovascular disease.	

RELATED PRODUCTS:

- Human CellExp™ Kallikrein-13, human recombinant (**Cat. No. 7413-10**)
- Human CellExp™ Kallikrein-1, human recombinant (**Cat. No. 7414-10**)
- Human CellExp™ Kallikrein-3, human recombinant (**Cat. No. 7415-10**)
- Human CellExp™ Kallikrein-4, human recombinant (**Cat. No. 7416-10**)
- Kallikrein, Human Plasma (**Cat # 4093-50**)
- KLK3 (Kallikrein-3), human recombinant (**Cat # 4727-20, -100, -1000**)
- Kallikrein 12 (KLK12) Antibody (**Cat # 3720-100**)
- Kallikrein 12 (KLK12) Blocking Peptide (**Cat # 3720BP-50**)

FOR RESEARCH USE ONLY! Not to be used in humans.