

Prekallikrein, Human Plasma recombinant protein
Fletcher factor, Kininogenin.
Catalog # PBV11261r

Specification

Prekallikrein, Human Plasma recombinant protein - Product info

Primary Accession [P03952](#)
Calculated MW **86 kDa KDa**

Prekallikrein, Human Plasma recombinant protein - Additional Info

Gene ID	3818
Gene Symbol	KLK
Other Names	
Fletcher factor, Kininogenin.	
Gene Source	Human
Source	Human Plasma
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	No
Results	Lot dependent
Target/Specificity	
Prekallikrein	

Format
Liquid

Storage
-80°C; In 4 mM Sodium Acetate-HCl, 0.15 M NaCl, pH 5.3.

Prekallikrein, Human Plasma recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Prekallikrein, Human Plasma recombinant protein - Images

Prekallikrein, Human Plasma recombinant protein - Background

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.

Prekallikrein, Human Plasma recombinant protein - References

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Yu H.,et al.Genomics 69:225-234(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.