

Factor Xa, Human Plasma recombinant protein
Stuart factor, Stuart-Prower factor
Catalog # PBV11265r**Specification**

Factor Xa, Human Plasma recombinant protein - Product info

Primary Accession [P00742](#)
Calculated MW **46.00 kDa** KDa

Factor Xa, Human Plasma recombinant protein - Additional Info

Gene ID	2159
Gene Symbol	F10
Other Names	
Stuart factor, Stuart-Prower factor	
Gene Source	Human
Source	Human Plasma
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	No
Results	Lot dependent
Target/Specificity	
Factor Xa	

Format
Liquid

Storage
-80°C; In 20 mM Bis Tris, 0.7 M NaCl pH 6.0.

Factor Xa, 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](#)

Factor Xa, Human Plasma recombinant protein - Images**Factor Xa, Human Plasma recombinant protein - Background**

Factor Xa is a serine endoproteinase and a member of the S1 peptidase family. Factor Xa plays a

critical role in the coagulation cascade by catalyzing the proteolytic conversion of prothrombin to active thrombin. Factor Xa's prothrombin conversion activity is greatly enhanced in vivo when complexed with Factor V, calcium ions and phospholipids on the activated platelet surface.

Factor Xa, Human Plasma recombinant protein - References

- Messier T.L.,et al.Gene 99:291-294(1991).
Leytus S.P.,et al.Biochemistry 25:5098-5102(1986).
Fung M.R.,et al.Proc. Natl. Acad. Sci. U.S.A. 82:3591-3595(1985).
Kaul R.K.,et al.Gene 41:311-314(1986).
McMullen B.A.,et al.Biochemistry 22:2875-2884(1983).