

Factor XII, Human Plasma
Stuart factor, Stuart-Prower factor
Catalog # PBV11266r**Specification**

Factor XII, Human Plasma - Product info

Primary Accession [P00748](#)
Calculated MW **80.00 kDa KDa**

Factor XII, Human Plasma - Additional Info

Gene ID	2161
Gene Symbol	F12
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 XII	

Format

Liquid

Storage

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

Factor XII, Human Plasma - 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 XII, Human Plasma - Images**Factor XII, Human Plasma - Background**

Human Factor XII is a single chain glycoprotein with a molecular weight of about 80,000. Once

activated, principally from the action of kallikrein, Factor XII is converted into an active serine protease (Factor α -XIIa) that functions in the in vivo initiation of blood coagulation, fibrinolysis, and kinin formation. Human Factor XII has been purified by ion exchange chromatography.

Factor XII, Human Plasma - References

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Schmutz J.,et al.Nature 431:268-274(2004).
Tripodi M.,et al.Nucleic Acids Res. 14:3146-3146(1986).
Cool D.E.,et al.J. Biol. Chem. 260:13666-13676(1985).
Que B.G.,et al.Biochemistry 25:1525-1528(1986).