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Factor VIIa, Human Plasma recombinant protein

Proconvertin, Serum prothrombin conversion accelerator.
Catalog # PBV11263r

Specification

Factor VIIa, Human Plasma recombinant protein - Product info

Primary Accession	P08709
Calculated MW	50 kDa KDa

Factor VIIa, Human Plasma recombinant protein - Additional Info

Gene ID	2155
Gene Symbol	F7

Other Names
Proconvertin, Serum prothrombin conversion accelerator.

Gene Source	Human
Source	Human Plasma
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	No
Results	Lot dependent

Target/Specificity
Factor VIIa

Format
Liquid

Storage
-80°C; In 20 mM Tris-HCl, 0.1 M NaCl pH 7.4

Factor VIIa, 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 Cytomety
- Cell Culture

Factor VIIa, Human Plasma recombinant protein - Images

Factor VIIa, Human Plasma recombinant protein - Background

Human factor VII is a single chain plasma glycoprotein, and is a zymogen in its native form.

Proteolytic activation of factor VII, yields the enzyme factor VIIa, which when bound to the integral membrane protein tissue factor, forms an enzyme complex that proteolytically converts factor X to factor Xa. This enzyme complex is best known as the extrinsic factor Xase (pronounced ten-ase) complex, since by virtue of its tissue factor component, it is composed of protein normally extrinsic to the plasma environment. The conversion of factor VII to factor VIIa is catalyzed by a number of proteases including thrombin, factor IXa, factor Xa, factor XIa, and factor XIIa. Rapid activation also takes place when factor VII is combined with tissue factor in the presence of calcium.

Factor VIIa, Human Plasma recombinant protein - References

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