

Factor VII, Human Plasma recombinant protein
Proconvertin, Serum prothrombin conversion accelerator.
Catalog # PBV11262r

Specification

Factor VII, Human Plasma recombinant protein - Product info

Primary Accession [P08709](#)
Calculated MW **50 kDa KDa**

Factor VII, 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 VII

Format
Liquid

Storage
-80°C; In 20 mM Tris-HCl, 0.1 M NaCl, 1 mM Benzamidine, pH 7.4.

Factor VII, 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 VII, Human Plasma recombinant protein - Images

Factor VII, Human Plasma recombinant protein - Background

Human factor VII is a single chain, vitamin K-dependent, plasma glycoprotein which is synthesized

in the liver. Prior to secretion into the blood, post translational modification by a vitamin K-dependent carboxylase produces ten-carboxyglutamic acid (gla) residues located in the NH₂-terminal portion of the molecule, which facilitate cell membrane binding. Factor VII is proteolytically activated to the serine protease, factor VIIa, during coagulation. Factor VII can be activated by thrombin, factor IXa, factor Xa or factor XIIIa.

Factor VII, Human Plasma recombinant protein - References

Hagen F.S.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:2412-2416(1986).
O'Hara P.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:5158-5162(1987).
Sabater-Lleal M.,et al.Hum. Genet. 118:741-751(2006).
Soria J.M.,et al.Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.
Masroori N.,et al.Submitted (MAR-2008) to the EMBL/GenBank/DDBJ databases.