

# Human F7 Recombinant Protein



RPPB3485

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## Product Information    Protein Information

**Product SKU:**

RPPB3485

**Accession:**

P08709

**Host:**

BHK cells (Baby Hamster Kidney Cells).

**Protein description:**

Factor VIIa Human Recombinant produced in BHK is a glycosylated polypeptide two-chain dimer consisting of 406 amino acids with a molecular weight of 50kD. The Factor-VIIa is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Coagulation factor VII, EC 3.4.21.21, Serum prothrombin conversion accelerator, SPCA, Proconvertin, Eptacog alfa, F7.

**Formulation:**

The protein 1 mg/ml was lyophilized after from a sterile solution containing 10mg sucrose pH-6.

**Purity:**

Greater than 98.0% as determined by analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Factor-VIIa in sterile 18MΩ-cm H<sub>2</sub>O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Factor-VIIa although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Factor-VIIa should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Biological Activity:**

The potency per mg was tested and found to be 50,000Units/mg.