

Coagulation Factor VIIa Human Recombinant

Item Number	rAP-3041
Synonyms	Coagulation factor VII, EC 3.4.21.21, Serum prothrombin conversion accelerator, SPCA, Proconvertin, Eptacog alfa, F7.
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.
Uniprot Accession Number	P08709
Amino Acid Sequence	
Source	BHK cells (Baby Hamster Kidney Cells).
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	The protein 1 mg/ml was lyophilized after from a sterile solution containing 10mg sucrose pH-6. Greater than 98.0% as determined by analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Factor-VIIa in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The potency per mg was tested and found to be 50,000Units/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**