

# Human F8 Recombinant Protein



RPPB3641

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## Product Information    Protein Information

**Product SKU:**

RPPB3641

**Accession:**

P00451

**Host:**

Human Plasma.

**Protein description:**

Human Factor VIII produced from Human Plasma contains 2332 amino acids and having a molecular mass of 330kDa. Factor-VIII is effective in the correction and prevention of severe bleeding episodes attributed to Factor VIII deficiency. The Factor-VIII is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Coagulation factor VIII, Procoagulant component, Antihemophilic factor, AHF, F8, F8C, F8B, HEMA, FVIII, DXS1253E, F8 protein.

**Formulation:**

The lyophilized protein 200IU/ml was lyophilized from a sterile solution containing 1.5% Glycine, 160mM Calcium chloride and 25mM NaCitrate and 25mM NaCl.

**Solubility:**

It is recommended to reconstitute the lyophilized Factor-VIII in sterile 18MΩ-cm H<sub>2</sub>O at a concentration of 200IU/ml, which can then be further diluted to other aqueous solutions. Make sure that the vial has reached room temperature prior to its reconstitution, otherwise it might precipitate.

**Stability:**

Lyophilized Factor-VIII although stable at room temperature for 1 week, should be stored desiccated between 2-8°C. Upon reconstitution Factor-VIII should be stored at 4°C.

**Biological Activity:**

The potency was found to be 10 Units/mg.