

# F8 Protein Recombinant Protein



RPPB3486

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## Product Information    Protein Information

**Product SKU:**

RPPB3486

**Accession:**

P00451

**Host:**

CHO cells (Chinese Hamster Ovarian Cells).

**Protein description:**

Antihemophilic Factor Human Recombinant produced in CHO is a glycosylated polypeptide chain having 2322 amino acids. 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:**

Each 250IU vial was lyophilized from a solution containing 8mg Tween-80, 112mM NaCl, 40mg Mannitol, 10mg Trehalose, 1ng VWF and 4.2mM CaCl<sub>2</sub>.

**Purity:**

Greater than 97.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute 250IU lyophilized Factor-VIII in 5ml sterile 18M-cm H<sub>2</sub>O, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Factor-VIII although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Factor-VIII 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 specific activity was found to be 7,058 IU/mg.