

## PRODUCT DATA SHEET

### Coagulation Factor VIII, Human Recombinant

**Cat. No.:** RP1723181000

**Size:** 1000 IU

**Source:** CHO cells (Chinese Hamster Ovarian) **Type:** Recombinant protein

**Species:** Human

**Other Names:**

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

**Description:**

Antihemophilic Factor Human Recombinant produced in CHO is a glycosylated polypeptide chain having 2332 amino acids. The Factor-VIII is purified by proprietary chromatographic techniques.

**Purity:**

Greater than 97.0% as determined by SDS-PAGE.

**Formulation:**

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

**Reconstitution:**

It is recommended to reconstitute lyophilized Factor-VIII with sterile 18M-cm H<sub>2</sub>O in 50 IU/ml concentration, which can then be further diluted to other aqueous solutions.

**Shipping:**

2 ~ 8°C. Upon receipt, store the product at the temperature recommended below, all components are stable until the expiration date (see label on the vial).

**Storage/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 2-4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Note:**

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