

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 CaCl₂.

Reconstitution:

It is recommended to reconstitute lyophilized Factor-VIII with sterile 18M-cm H₂O 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:

BioVendor's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals