

# Human F9 Recombinant Protein



RPPB3643

---

## Product Information   Protein Information

**Product SKU:**

RPPB3643

**Host:**

Human Plasma.

**Protein description:**

Human Factor-IX produced from fresh frozen human plasma is a glycosylated polypeptide chain having a molecular mass of 56 kDa.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Coagulation factor IX, EC 3.4.21.22, Christmas factor, Plasma thromboplastin component, PTC, F9, FIX, HEMB, MGC129641, MGC129642, GLA domain, Factor IX.

**Formulation:**

The Factor-IX was lyophilized from a sterile solution containing 20mM Tris-HCl pH-7.4, 0.1M NaCl and 1mM Benzamidine.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized 100U Factor-IX in sterile 100µl of 18MΩ-cm H<sub>2</sub>O, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Factor-IX although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Factor-IX 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 activity per mg was tested and found to be 306.5 PEU/mg.