

# Porcine Thrombin Recombinant Protein



RPPB5146

---

## Product Information    Protein Information

**Product SKU:**

RPPB5146

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Host:**

Porcine Blood.

**Formulation:**

Lyophilized Powder from 20mM PBS, pH 7.4 containing 0.9% NaCl.

**Solubility:**

It is recommended to reconstitute the lyophilized Thrombin in sterile 18M $\Omega$ -cm H<sub>2</sub>O.

**Stability:**

Lyophilized Thrombin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IPF1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Biological Activity:**

One unit is defined as the amount of enzyme needed to cleave 1 mg of fusion protein in 16 hours to 95% completion at 20°C in a buffer containing 25mM Tris-HCl, pH 8.4, 150mM NaCl, and 2.5mM CaCl<sub>2</sub>.