

# Human Thrombin Recombinant Protein



RPPB4953

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## Product Information   Protein Information

**Product SKU:**

RPPB4953

**Accession:**

P00734

**Host:**

HEK

**Protein description:**

Recombinant Human Thrombin produced in HEK cells, having a total molecular weight of 36kDa. The Thrombin is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Prothrombin, EC 3.4.21.5, Coagulation factor II, F2, PT, THPH1, RPRGL2.

**Formulation:**

The Thrombin solution contains 20mM MES, pH6.0 and 500mM Choline Chloride.

**Stability:**

Store frozen at -20°C to -80°C for long periods of time. Avoid multiple freeze-thaw cycles.

**Biological Activity:**

5396 NIH Units/mg. The activity was determined in NIH units by comparing to Sigma's human plasma thrombin. Protein concentration was measured using  $E(0.1\%)@280nm = 1.83$ .