

## F2

### Native Rat Coagulation Factor II / Thrombin

<b>Catalog No.</b>	CSI20238A CSI20238B	<b>Quantity:</b>	100 µg 0.5 mg
--------------------	------------------------	------------------	------------------

**Description:** Rat Coagulation Factor II (Thrombin) is prepared from purified prothrombin by activation with coastal taipan venom followed by affinity chromatography.

**UniProt ID:** P18292

**Gene ID:** 29251

**Source:** Rat plasma

**Molecular Weight:** 36.7 kDa

**Formulation:** 0.025M Tris-HCl, 0.6M NaCl, pH 7.5

**Purity:** >95% by SDS-PAGE analysis

**Concentration:** ≥ 1.0 mg/ml, lot specific

**Extinction Coefficient:**  $E^{0.1\%}_{280\text{nm}} = 1.83$

**Biological Activity:** Activity is measured in a thrombin specific clotting assay, and compared to standardized NIH thrombin.

**Storage & Stability:** Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences**<sup>®</sup>  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)