

## Native Bovine Coagulation Factor II (thrombin)

Cat. No. F2-5401B Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Bovine F2 was expressed in Bovine Plasma.
<b>Species</b>	Bovine
<b>Source</b>	Bovine Plasma
<b>Description</b>	Bovine F2 is a multifunctional proteolytic enzyme which acts both specifically and non-specifically with several proteins, cells, surfaces, and other molecules. Bovine F2 plays an essential role in the clotting process where it converts fibrinogen, a soluble plasma glycoprotein, to an insoluble protein gel called fibrin, the essential component of the blood clot.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	36kDa
<b>Storage</b>	Store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	F2 coagulation factor II (thrombin) [ Homo sapiens ]
<b>Official Symbol</b>	F2
<b>Synonyms</b>	F2; coagulation factor II (thrombin); prothrombin; serine protease; prothrombin B-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	chain; PT; THPH1;
<b>Gene ID</b>	<a href="#">2147</a>
<b>mRNA Refseq</b>	<a href="#">NM_000506</a>
<b>Protein Refseq</b>	<a href="#">NP_000497</a>
<b>MIM</b>	<a href="#">176930</a>
<b>UniProt ID</b>	P00734
<b>Chromosome Location</b>	11p11-q12
<b>Pathway</b>	Angiotensin receptor Tie2-mediated signaling, organism-specific biosystem; Blood Clotting Cascade, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Common Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem;
<b>Function</b>	calcium ion binding; growth factor activity; peptidase activity; protein binding; receptor binding; contributes_to receptor binding; serine-type endopeptidase activity; thrombospondin receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA