

Native Bovine Coagulation Factor II (thrombin)

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

SPECIFICATION

Product Overview	Native Bovine F2 was expressed in Bovine Plasma.
Species	Bovine
Source	Bovine Plasma
Description	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.
Form	Lyophilized
Molecular Mass	36kDa
Storage	Store at -20°C.

GENE INFORMATION

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	chain; PT; THPH1;
Gene ID	2147
mRNA Refseq	NM_000506
Protein Refseq	NP_000497
MIM	176930
UniProt ID	P00734
Chromosome Location	11p11-q12
Pathway	Angiopoietin 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;
Function	calcium ion binding; growth factor activity; peptidase activity; protein binding; receptor binding; contributes_to receptor binding; serine-type endopeptidase activity; thrombospondin receptor activity;