

# Human FEIBA Reference Standard(plasma derived) Reference standard

Cat. No. F2-22H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Each ampoule contains aliquots of a freeze-dried concentrate of plasma derived human activated prothrombin complex concentrate (FEIBA).
<b>Species</b>	Human
<b>Enzyme Unit</b>	28.0 Units per ampoule
<b>Usage</b>	No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. The total contents of the ampoule should be reconstituted at room temperature with 1.0 mL distilled water, dissolved by gentle swirling , then transferred immediately to a plastic tube and should be allowed to stand for an incubation period of 35 + 5 minutes at ambient temperature, just prior to assay.
<b>Notes</b>	This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.
<b>Stability</b>	Reference materials are held at Creative Biomart within assured, temperature-

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controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label.

**Storage**

Unused material must be discarded and not frozen for later use. Unopened ampoules should be stored at or below -20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

## 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-chain; PT; THPH1;
<b>Gene ID</b>	2147
<b>mRNA Refseq</b>	NM_000506
<b>Protein Refseq</b>	NP_000497
<b>MIM</b>	176930
<b>UniProt ID</b>	P00734
<b>Chromosome Location</b>	11p11-q12
<b>Pathway</b>	Angiopietin receptor Tie2-mediated signaling, organism-specific biosystem; Blood

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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;

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