Human Thrombin Reference standard

Cat. No. Thrombin-8H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The potency of the new Standard is 110 IU/ampoule which is equivalent to 110 US units/ampoule.
Species	Human
Usage	No attempt should be made to weigh out any portion of the freeze-dried aterial prior to reconstitution.
Notes	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.
Stability	Reference materials are held at Creative Biomart within assured, temperature-controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label.
Storage	Unopened ampoules should be stored in the dark at or below –20°C . Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

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

GENE INFORMATION

Gene Name	F2 coagulation factor II (thrombin) [Homo sapiens];
Official Symbol	F2
Synonyms	PT; THPH1; RPRGL2; prothrombin; serine protease; prothrombin B-chain; prepro-coagulation factor II
Gene ID	2147
mRNA Refseq	NM_000506
Protein Refseq	NP_000497
MIM	176930
UniProt ID	P00734
Chromosome Location	11p11
Pathway	Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem
Function	calcium ion binding; growth factor activity; protein binding

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