abcam

Product datasheet

Native Human Alpha Thrombin protein ab81585

Description

Product name	Native Human Alpha Thrombin protein
Biological activity	<0.1% Thrombin activity. Assay is performed to determine percent contaminating thrombin activity. Residual thrombin activity is based on a thrombin standard curve. Chromagenic assay uses Spectrozyme-TH as substrate.
Purity	> 95 % SDS-PAGE.
Expression system	Native
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Human
Predicted molecular weight	37 kDa
Amino acids	328 to 622

Specifications

Our **Abpromise guarantee** covers the use of **ab81585** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	The active site of thrombin is blocked with DFP (Diisopropylfluorophosphate).

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 0.476% HEPES, 0.87% Sodium chloride

General Info

Relevance	Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates

	factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and wound healing.
Cellular localization	Secreted › extracellular space.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

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