

## Product datasheet

# Natural human Beta Thrombin protein ab81591

### 製品の概要

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製品名	Natural human Beta Thrombin protein
タンパク質長	Full length protein

### 製品の詳細

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由来	Native
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アミノ酸配列	
生物種	Human
領域	328 to 622

### 特性

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Our [Abpromise guarantee](#) covers the use of **ab81591** in the following tested applications.

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

生理活性	<5% Thrombin activity. Specific activity is determined by Fibrinogen clotting assay relative to NIH standard thrombin. 1 NIH Unit = 1.15 IS Units
アプリケーション	Functional Studies SDS-PAGE
精製度	> 95 % SDS-PAGE.
製品の状態	Liquid

### 前処理および保存

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保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 6.50 Constituents: 0.164% Sodium phosphate, 1.74% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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### 関連情報

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**関連性** Thrombin is an active enzyme in the earliest steps of the blood clot formation, generated from its circulating inactive precursor prothrombin. Thrombin is a glycoprotein formed by two peptides chains of 36 and 259 amino acids linked by disulfure bonds. Three important sites have been identified on the surface of the enzyme: The catalytic site that confers to the molecule its serine protease activity, the exosite one responsible for the binding of the substrate (fibrinogen or thrombin receptor) and the exosite two responsible for the binding of antithrombin III and inactivation of thrombin. Beta Thrombin is a proteolyzed form of Alpha Thrombin.

**細胞内局在** Secreted, extracellular space.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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### **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.co.jp/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors