

# Native human Thrombin protein (Active) ab62452

3 References 画像数 1

### 製品の詳細

製品名	Native human Thrombin protein (Active)
生理活性	This product can be used for cleavage of fusion proteins. The activity varies form lot to lot. It is typically 3800 U/mg.
精製度	> 95 % SDS-PAGE.
発現系	Native
アクセッション番号	<b><u>P00734</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Human

### 特性

Our **Abpromise guarantee** covers the use of **ab62452** in the following tested applications.

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

アプリケーション	SDS-PAGE Functional Studies
製品の状態	Liquid
備考	Concentration varies from lot to lot but is between 5mg/ml and 10mg/ml.

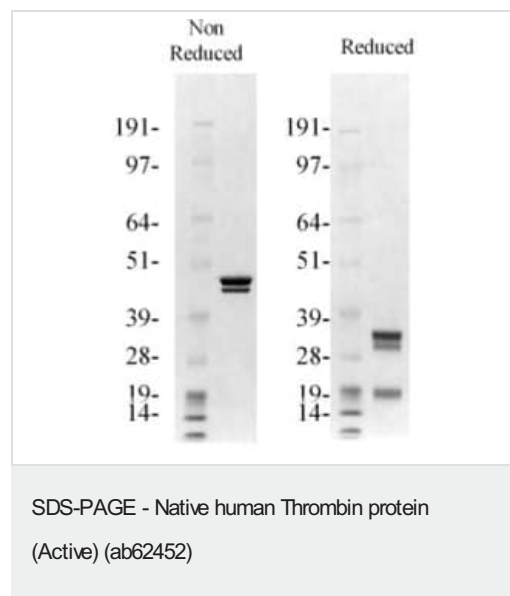
### 前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. Constituent: 50% Glycerol 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

機能	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.
組織特異性	Expressed by the liver and secreted in plasma.
関連疾患	Factor II deficiency Ischemic stroke Thrombophilia due to thrombin defect Pregnancy loss, recurrent, 2
配列類似性	Belongs to the peptidase S1 family. Contains 1 Gla (gamma-carboxy-glutamate) domain. Contains 2 kringle domains. Contains 1 peptidase S1 domain.
翻訳後修飾	The gamma-carboxyglutamyl residues, which bind calcium ions, result from the carboxylation of glutamyl residues by a microsomal enzyme, the vitamin K-dependent carboxylase. The modified residues are necessary for the calcium-dependent interaction with a negatively charged phospholipid surface, which is essential for the conversion of prothrombin to thrombin. N-glycosylated. N-glycan heterogeneity at Asn-121: Hex3HexNAc3 (minor), Hex4HexNAc3 (minor) and Hex5HexNAc4 (major). At Asn-143: Hex4HexNAc3 (minor) and Hex5HexNAc4 (major).
細胞内局在	Secreted, extracellular space.

## 画像



Novex 4-12% Bis-Tris  
1 µg per lane  
MOPS

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

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