

Native human Prethrombin 2 protein ab62535

1 References [1 图像](#)

描述

产品名称	Native人Prethrombin 2蛋白
生物活性	Activity was measured by clotting and/or chromogenic substrate assay, following conversion of prothrombin to thrombin.
纯度	> 95 % Ion Exchange Chromatography. Prepared from fresh frozen human plasma. Purity was determined by SDS-PAGE analysis.
表达系统	Native
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Human

技术指标

Our **Abpromise guarantee** covers the use of **ab62535** in the following tested applications.

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

应用	Functional Studies SDS-PAGE
形式	Liquid

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituents: 50% Glycerol, 50% Water 50% H2O This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

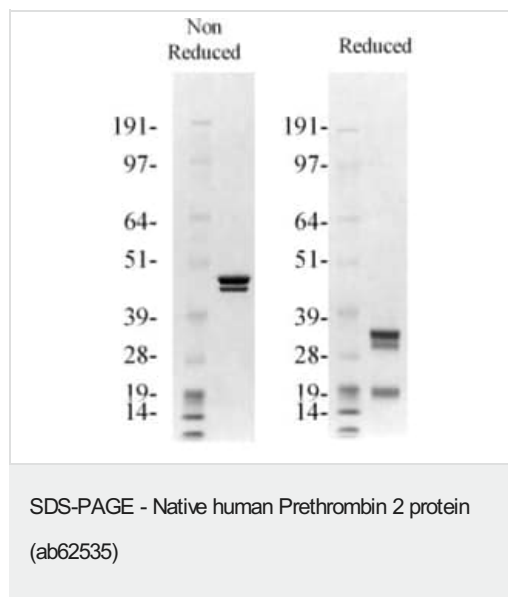
相关性	Prethrombin 2, the smallest single-chain immediate precursor of a-thrombin (corresponding to
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residues Thr272 to Glu579 in prothrombin), has one glycosylation site at Asn373 and four disulfide bonds, Cys293-Cys439, Cys348-Cys364, Cys493-Cys507, and Cys521-Cys551. alpha-Thrombin can be derived from prothrombin by two pathways, each of which generates different intermediate products. In one pathway, human prothrombin is converted relatively slowly to alpha-thrombin in the presence of factor Xa and Ca²⁺ ions by initial cleavage at residue (Arg) 271/(Thr) 272 with consequent production of fragment 1.2 and prethrombin 2. Prethrombin 2 is then cleaved at R 320 with consequent generation of alpha-thrombin. In the other pathway, initial cleavage at R 320 yields an intermediate product, meizothrombin.

细胞定位

Secreted, extra cellular space

图片



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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