

Native human Factor V protein ab62414

1 图像

描述

产品名称	Native人Factor V蛋白
生物活性	Lot dependant, Determined by clotting assay.
纯度	> 95 % SDS-PAGE. Human Factor V is prepared from fresh frozen human plasma using immunoaffinity chromatography.
表达系统	Native
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Human
实际分子量	330 kDa

技术指标

Our **Abpromise guarantee** covers the use of **ab62414** in the following tested applications.

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

应用	SDS-PAGE Functional Studies
形式	Liquid

制备和贮存

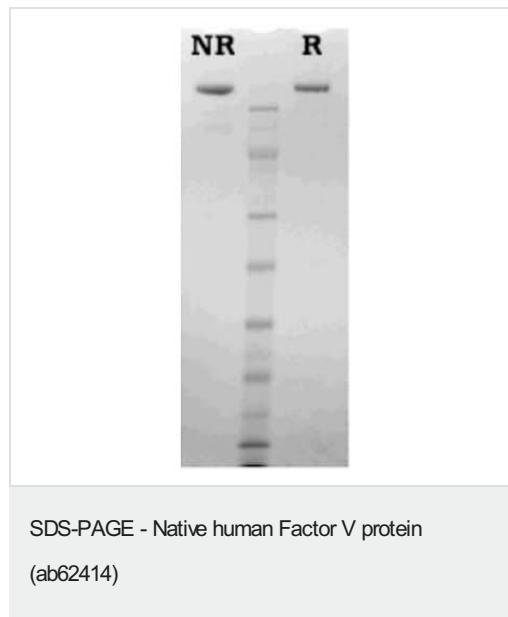
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituents: 50% Water, 50% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.
--------	--

常规信息

功能	Central regulator of hemostasis. It serves as a critical cofactor for the prothrombinase activity of factor Xa that results in the activation of prothrombin to thrombin.
----	---

组织特异性	Plasma.
疾病相关	Factor V deficiency Thrombophilia due to activated protein C resistance Budd-Chiari syndrome Ischemic stroke Pregnancy loss, recurrent, 1
序列相似性	Belongs to the multicopper oxidase family. Contains 3 F5/8 type A domains. Contains 2 F5/8 type C domains. Contains 6 plastocyanin-like domains.
结构域	Domain B contains 35 x 9 AA tandem repeats, and 2 x 17 AA repeats.
翻译后修饰	Thrombin activates factor V proteolytically to the active cofactor, factor Va (formation of a heavy chain at the N-terminus and a light chain at the C-terminus). Sulfation is required for efficient thrombin cleavage and activation and for full procoagulant activity. Activated protein C inactivates factor V and factor Va by proteolytic degradation. Phosphorylation sites are present in the extracellular medium.
细胞定位	Secreted.

图片



Gel: Novex 4-12% Bis-Tris

Load: 1 µg per lane

Buffer is MOPS

Standard: SeeBluePlus 2; Myosin (191 kDa), Phosphorylase B (97 kDa), BSA (64 kDa), Glutamic Dehydrogenase (51 kDa), Alcohol Dehydrogenase (39 kDa), Carbonic Anhydrase (28 kDa), Myoglobin Red (19 kDa), Lysozyme (14 kDa)

Note: Factor V is a very labile protein. Some degraded fragments are usually noticeable in preparations.

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.cn/abpromise> or contact our technical team.

Terms and conditions

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