

Native human Factor V protein ab62414

画像数 1

製品の詳細

製品名	Native human Factor V protein
生理活性	Lot dependant, Determined by clotting assay.
精製度	> 95 % SDS-PAGE. Human Factor V is prepared from fresh frozen human plasma using immunoaffinity chromatography.
発現系	Native
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Human
実際の分子量	330 kDa

特性

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.

アプリケーション	SDS-PAGE
	Functional Studies
製品の状態	Liquid

前処理および保存

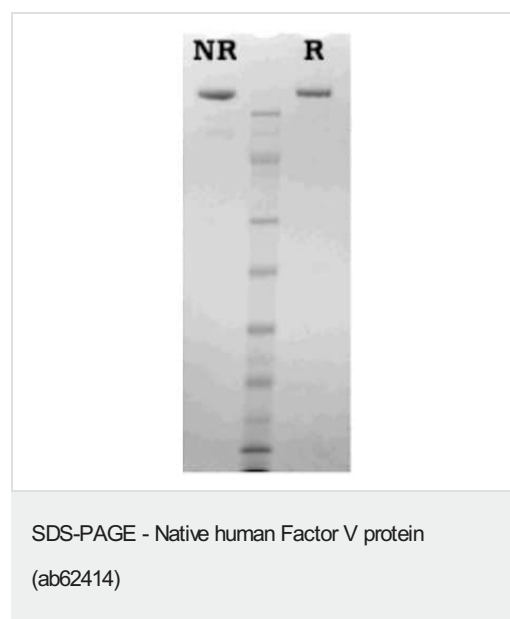
保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
	Constituents: 50% Water, 50% Glycerol (glycerin, glycerine)
	This product is an active protein and may elicit a biological response in vivo, handle with caution.

関連情報

機能	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.
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組織特異性	Plasma.
関連疾患	Factor V deficiency Thrombophilia due to activated protein C resistance Budd-Chiari syndrome Ischemic stroke Pregnancy loss, recurrent, 1
配列類似性	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.
ドメイン	Domain B contains 35 x 9 AA tandem repeats, and 2 x 17 AA repeats.
翻訳後修飾	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.
細胞内局在	Secreted.

画像



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"

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