

Native Human Factor XIIIa protein (Active) ab62412

1 图像

描述

产品名称	Native人Factor XIIIa蛋白(Active)
生物活性	This product has an activity range of 39 U/mg to 200 U/mg
纯度	> 95 % Ion Exchange Chromatography. Plasma FXIIIa was generated by cleavage of homogenous plasma FXIII by alpha-thrombin, in the presence of EDTA. This product was then purified by ion and affinity 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

技术指标

Our **Abpromise guarantee** covers the use of **ab62412** 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
形式	Liquid
补充说明	Enzymatic FXIIIa is composed of A2'B2. Ab62412 is the active, enzymatic tetrameric form (A2'B2) in absence of calcium ions. In contrast to the inactive tetrameric FXIII (A2B2), ab62412 has been activated by thrombin.

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: 0.0146% EDTA, 50% Glycerol 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

功能	Factor XIII is activated by thrombin and calcium ion to a transglutaminase that catalyzes the
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formation of gamma-glutamyl-epsilon-lysine cross-links between fibrin chains, thus stabilizing the fibrin clot. Also cross-link alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin.

疾病相关

Defects in F13A1 are the cause of factor XIII subunit A deficiency (FA13AD) [MIM:613225]. FA13AD is an autosomal recessive disorder characterized by a life-long bleeding tendency, impaired wound healing and spontaneous abortion in affected women.

序列相似性

Belongs to the transglutaminase superfamily. Transglutaminase family.

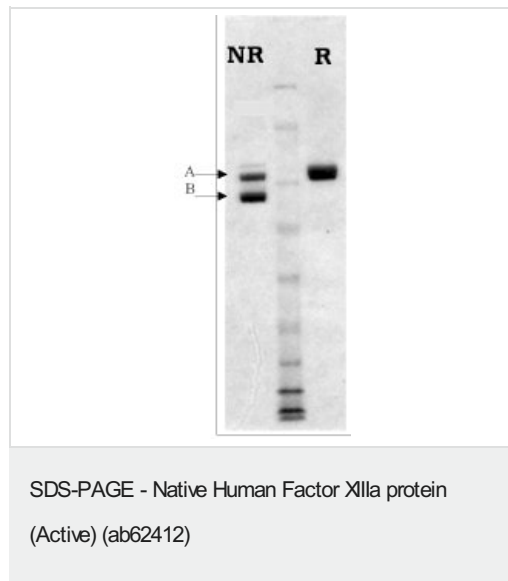
翻译后修饰

The activation peptide is released by thrombin.

细胞定位

Cytoplasm. Secreted. Secreted into the blood plasma. Cytoplasmic in most tissues, but also secreted in the blood plasma.

图片



Lane 1 : Non-reduced Factor XIIIa protein (ab62412) at 1 µg
Lane 2 : Molecular weight standard
Lane 3 : Reduced Factor XIIIa protein (ab62412) at 1 µg Notes: In the non-reduced sample the A chain shifts down toward the B chain following activation.

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

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