

Native Human Factor XIa protein ab62411

製品の詳細

製品名	Native Human Factor XIa protein
精製度	> 95 % Immunogen affinity purified. Factor XIa was prepared by activating purified factor XI with factor XIIa. Following activation, the mixture is passed over a column of immobilized anti-factor XII to remove the factor XIIa, and further purified on heparin-Sepharose. Purity is assessed by SDS PAGE analysis.
発現系	Native
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 **ab62411** 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% Glycerol, 50% Water
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関連情報

機能	Factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX.
組織特異性	Isoform 2 is produced by platelets and megakaryocytes but absent from other blood cells.
関連疾患	Defects in F11 are the cause of factor XI deficiency (FA11D) [MIM:612416]; also known as plasma thromboplastin antecedent deficiency or Rosenthal syndrome. It is a hemorrhagic disease

characterized by reduced levels and activity of factor XI resulting in moderate bleeding symptoms, usually occurring after trauma or surgery. Patients usually do not present spontaneous bleeding but women can present with menorrhagia. Hemorrhages are usually moderate.

配列類似性

Belongs to the peptidase S1 family. Plasma kallikrein subfamily.
Contains 4 apple domains.
Contains 1 peptidase S1 domain.

翻訳後修飾

Activated by factor XIIa (or XII), which cleaves each polypeptide after Arg-387 into the light chain, which contains the active site, and the heavy chain, which associates with high molecular weight (HMW) kininogen.

細胞内局在

Secreted.

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