

human Prekallikrein

Product No. ADG472

Description

Prekallikrein (PK), also known as *Fletcher factor*, is a serine protease that complexes with high-molecular-weight kininogen. Prekallikrein is the zymogen form of plasma kallikrein, which is a serine protease that activates kinins. It is cleaved to produce kallikrein by activated Factor XII (Hageman factor).

Preparation

The protein was purified from human plasma that was tested and found negative by FDA accepted methods for anti-HIV1/2, anti-HTLV I & II, HBsAg, anti-HCV, Syphilis, HBC Ab, HIV-1 p24 Ag or HIV-1 RNA, HCV RNA and HBV RNA. Donors are screened for CJD (Creutzfeldt-Jakob Disease).

Molecular Weight

About 86 kDa. Extinction Coefficient (1%) = 11.7

Purity

The protein is >95% pure as judged by SDS-PAGE gels and shows no reduction upon incubation with 2-mercaptoethanol.

Specific Activity

The activity has been determined via clotting assay. See vial label for lot specific activity.

Presentation

1 vial containing 1.0 mg protein lyophilized in 4 mM Sodium Acetate, 0.15 M Sodium Chloride, pH 5.3. The concentration before lyophilization is indicated on the vial label.

Reconstitution

We recommend reconstituting the vial to the original volume with filtered deionized water.

Storage

Store lyophilized vial at 2 - 8°C. After reconstitution store frozen at -70°C. It is recommended to avoid freeze-thaw cycles.

Distributed by:

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Hinweis/Note:

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.
The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

For research use only!

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