

## human Factor XI

### Product No. ADG4011

#### Description

Precursor of the serine protease Factor XIa. The zymogen Factor XI is purified from fresh frozen plasma that is stabilized by added inhibitors. The plasma is first treated with  $\text{BaCl}_2$  to remove the vitamin K-dependent proteins, and Factor XI is then isolated by affinity chromatography. A final chromatography step on heparin sepharose yields a homogeneous preparation of intact Factor XI.

#### Preparation

The protein was purified from human plasma that was tested and found negative by FDA accepted methods for Hepatitis B Surface Antigen (HBsAg), Hepatitis C Virus (HCV) and Human Immunodeficiency Virus Type 1 and Type 2 (HIV-1, HIV-2). As no known test method can provide complete assurance that products derived from human blood will not transmit HBsAg, HCV, HIV-1, HIV-2 or other blood-borne pathogens, this reagent should be handled as recommended for any potentially infectious human specimen.

#### Molecular Weight

160 kDa. Extinction Coefficient (1%) = 13.4

#### Purity

Free of other coagulation factors and degraded forms of factor XI/XIa. Estimated to be 99% protease, based on SDS-PAGE analysis and activity studies.

#### Specific Activity

The activity has been determined by Factor XI clotting assay. One unit is equivalent to the Factor XI activity in one milliliter of normal plasma. See vial label for lot-specific activity.

#### Presentation

1 vial containing 50  $\mu\text{g}$  of protein in 50% vol/vol glycerol/water solution. See vial label for lot-specific concentration.

#### Storage

Store at  $-20^\circ\text{C}$ .

#### 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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