Cat. No. PME101748



PRODUCT INFORMATION

Target F11

Synonyms FXI; PTA

Recombinant human F11 Protein with C-terminal **Description**

3×Flag tag

Delivery In Stock **Uniprot ID** P03951 **Expression Host HEK293**

Tag C-3×Flag Tag

Molecular

Purity

F11(Met1-Val625) 3×Flag tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 73.1 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before

Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes coagulation factor XI of the blood coagulation cascade. This protein is present in plasma as a zymogen, which is a unique plasma coagulation enzyme because it exists as a

homodimer consisting of two identical

polypeptide chains linked by disulfide bonds. During activation of the plasma factor XI, an

internal peptide bond is cleaved by factor XIIa (or XII) in each of the two chains, resulting in **Background**

activated factor XIa, a serine protease composed of two heavy and two light chains held together by disulfide bonds. This activated plasma factor

XI triggers the middle phase of the intrisic pathway of blood coagulation by activating factor IX. Defects in this factor lead to Rosenthal

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syndrome, a blood coagulation abnormality. [provided by RefSeq, Jul 2008]

Usage Research use only

Conjugate Unconjugated





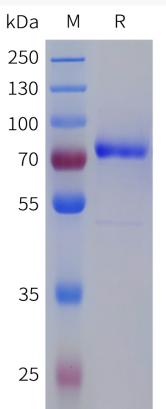


Figure 1. Human F11 Protein, Flag Tag on SDS-PAGE under reducing condition.

Human F11, Flag Tagged protein ELISA

0.2 μg of Human F11, Flag tagged protein per well

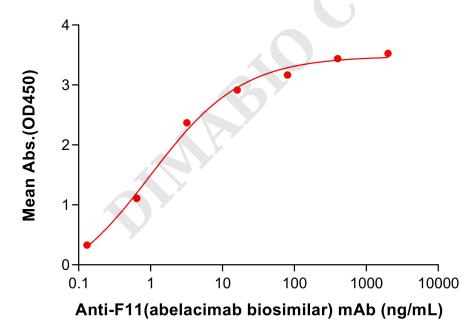


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human F11 Protein, Flag Tag (PME101748) can bind Anti-F11(abelacimab biosimilar) mAb (BME100255) in a linear range of 0.13–8 ng/mL.

