

Rabbit Coagulation factor XI Protein

Cat. No. FXI-RM101

Description

Source	Recombinant Rabbit Coagulation factor XI Protein is expressed from HEK293 with His tag at the C-terminus. It contains Glu19-Pro624.
Accession	G1SSQ6
Molecular Weight	The protein has a predicted MW of 69.61 kDa. Due to glycosylation, the protein migrates to 70-90 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE >95% as determined by HPLC

Formulation and Storage

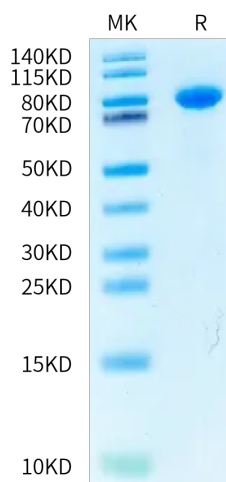
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Coagulation factor (F)XI has been described as a component of the early phase of the contact pathway of blood coagulation, acting downstream of factor XII. In contrast to its mild hemostatic activities, FXI is known to play a significant role in thrombosis, as it is a demonstrated independent risk factor for deep vein thrombosis, ischemic stroke, and myocardial infarction. A better understanding of the varied and complex role of FXI in both thrombosis and hemostasis will help to allow better prediction of bleeding risk in FXI-deficient patients and also informing the development of targeted agents to inhibit the thrombotic activities of FXI while preserving hemostasis.

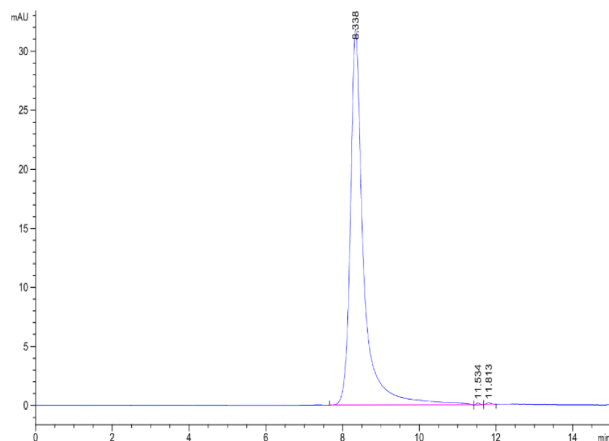
Assay Data

Bis-Tris PAGE



Rabbit Coagulation factor XI on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



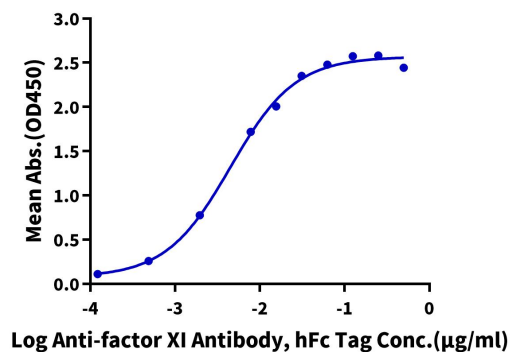
The purity of Rabbit Coagulation factor XI is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Rabbit Coagulation factor XI, His Tag ELISA

0.1µg Rabbit Coagulation factor XI, His Tag Per Well



Immobilized Rabbit Coagulation factor XI, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-factor XI Antibody, hFc Tag with the EC50 of 4.5ng/ml determined by ELISA (QC Test).