

Active Recombinant Human F11 protein(C500S), His-tagged, Low Endotoxin

Cat. No. F1125452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human F11 protein(P03951-1)(Ile388-Val625 (C500S)), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	388-625 aa
Form	Lyophilized from 0.22 µm filtered solution in 25mM HEPES, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Coagulation factor XI (C500S), His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-factor XI Antibody, hFc Tag with the EC50 of 2.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 28.43 kDa. Due to glycosylation, the protein migrates to 30-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

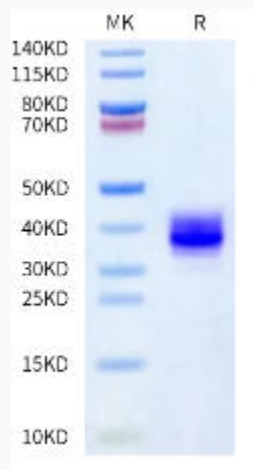
Gene Name	F11 coagulation factor XI [Homo sapiens]
Official Symbol	F11
Synonyms	F11; coagulation factor XI; FXI; plasma thromboplastin antecedent; PTA; MGC141891;
Gene ID	2160
mRNA Refseq	NM_000128
Protein Refseq	NP_000119
MIM	264900
UniProt ID	P03951

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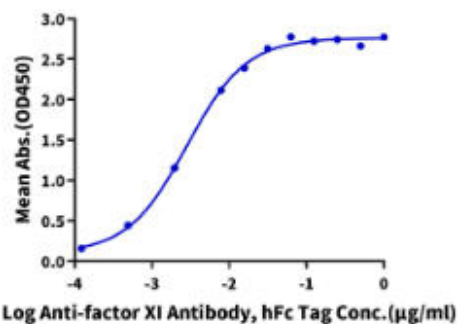
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Bis-Tris PAGE



ELISA Data

Human Coagulation factor XI (C500S), His Tag ELISA
0.05µg Human Coagulation factor XI (C500S), His Tag Per Well



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