

Active Recombinant Human F11 Protein(C500S), His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human Factor XIa(388-625) (C500S) Protein(P03951-1) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	388-625 aa
Form	Lyophilized from 0.22 um filtered solution in 25mM HEPES, 150mM NaCl (pH 7.5).
Bio-activity	Immobilized Human Coagulation factor XI (C500S), His Tag at 0.5ug/ml (100ul/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 0.1 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE;> 95% as determined by HPLC.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution

Dissolve the lyophilized protein in distilled water. It is recommended to resuspend at 0.5 mg/mL if the lyophilized powder is 100 ug or less, at 1mg/ml for 500ug or 1mg lyophilized powder. Do not mix by vortex or vigorous shaking.

GENE INFORMATION

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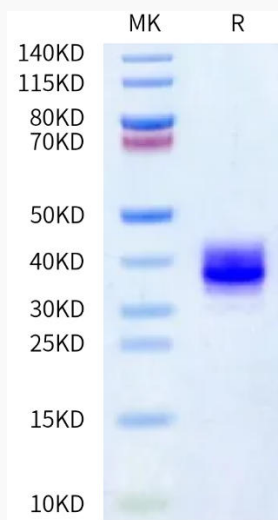
UniProt ID	P03951
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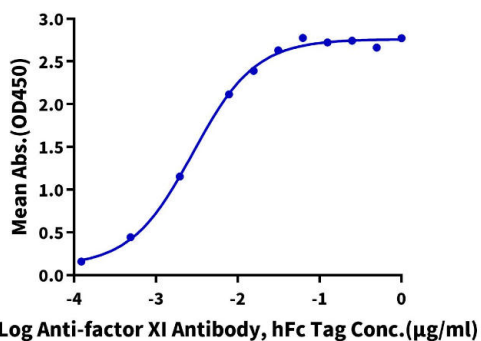
Bis-Tris PAGE



ELISA

Human Coagulation factor XI (C500S), His Tag ELISA

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



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