Active Recombinant Human F11 Protein, His-tagged, Low Endotoxin

Cat. No. F11-4100H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Low Endotoxin Active Recombinant Human F11 Protein(P03951-1)(19-625 aa) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	19-625 aa
Form	Lyophilized from 0.22 um filtered solution in 25mM HEPES, 150mM NaCl (pH 7.5).
Bio-activity	1. Immobilized Human Coagulation factor XI, His Tag at 1ug/ml (100ul/well) on the pl ate. Dose response curve for Anti-Factor XI Antibody, hFc Tag with the EC50 of 5.4n g/ml determined by ELISA. 2. Measured by its ability to cleave the fluorogenic peptide substrate, t-butyloxycarbonyl-Ile-Glu-Gly-Arg-7-amido-4-methylcoumarin (Boc-IEGR-AMC). The specific activity is >100 pmoles/min/ug.
Molecular Mass	The protein has a predicted MW of 69.1 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE;> 95% as determined by HPLC

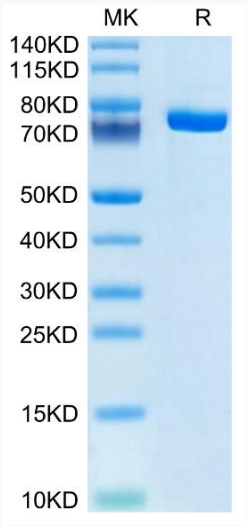
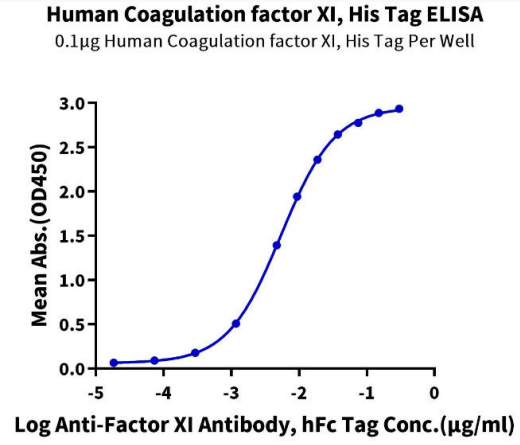
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Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the 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]
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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Bis-Tris PAGE	
ELISA	

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