

产品名称: Recombinant Human Coagulation Factor X (C-Fc)
产品货号: PHH0427

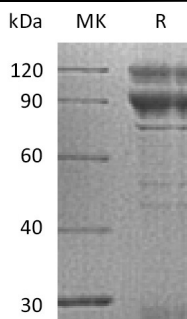


概述 (Summary)

英文全称	Coagulation Factor X/F10/Stuart factor
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Coagulation Factor X is produced by our Mammalian expression system and the target gene encoding Asn32-Lys488 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	P00742
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	78.2 KDa
制剂 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM MES, 150mM NaCl, 0.2mM CaCl ₂ , pH 5.5.
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

Coagulation factor X; Stuart factor; Stuart-Prower factor

背景介绍 (References)

F10, also known as Coagulation factor X, belongs to the peptidase S1 family that is synthesized as a 488 amino acid (aa) with a signal peptide and a pro region (residues 1-40). Both the intrinsic and extrinsic pathways activate Factor X to Xa, which consists of light (residues 41-179) and heavy (residues 235-488) chains linked by a disulfide bond. Coagulation factor X is initially synthesized in the liver. The two chains are formed from a single-chain precursor by the excision of two Arg residues and are held together by 1 or more disulfide bonds. Forms a heterodimer with SERPINA5. F10 is a vitamin K-dependent glycoprotein that converts prothrombin to thrombin in the presence of factor Va, calcium and phospholipid during blood clotting.

注意事项 (Note)

For research use only .