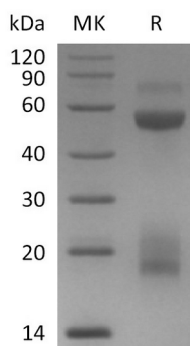


概述 (Summary)

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 Mouse CoagulationFactor X is produced by our Mammalian expression system and the target gene encoding Gly21-Asn481 is expressed with a 6His tag at the C-terminus.
Accession #	O88947
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	34.6&18.4 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM MES, 150mM NaCl, 1mM CaCl2, pH 7.5.
储存缓冲液 (Buffer)	
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)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
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)

Product Name: Recombinant Mouse Factor X (C-6His)
Catalog #: PHM0428



背景 (Background)

分子别名 (Alternative Names)

F10;Coagulation factor X;Stuart factor

背景介绍 (References)

Mouse coagulation factor X / F10 is a member of the peptidase S1 family. The mature F10 is composed mostly of two EGF-like domains, one Gla gamma-carboxy-glutamate domain and one peptidase S1 domain. Factor Xa is a vitamin K-dependent plasma protease that converts prothrombin to thrombin in the presence of factor Va, calcium and phospholipid during blood clotting. The two chains of F10 are formed from a single-chain precursor by the excision of two Arg residues. A single-chain precursor is initially synthesized in the liver. The light and heavy chains are linked together by disulfide bonds. The light chain contains a Gla and two EGF-like domains. The heavy chain corresponds to the serine protease domain. It can form a heterodimer with SERPINA5.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.