

# Recombinant mouse Factor X protein ab92703

### 描述

产品名称	重组小鼠Factor X蛋白
纯度	> 95 % SDS-PAGE. Purified by conventional and chelated metal affinity chromatography.
表达系统	HEK 293 cells
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse

### 技术指标

Our **Abpromise guarantee** covers the use of **ab92703** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Functional Studies SDS-PAGE
形式	Liquid

### 制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 0.012% Benzamidine, 0.316% Tris HCl, 0.58% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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### 常规信息

功能	Factor Xa is a vitamin K-dependent glycoprotein that converts prothrombin to thrombin in the presence of factor Va, calcium and phospholipid during blood clotting.
组织特异性	Plasma; synthesized in the liver.
疾病相关	Defects in F10 are the cause of factor X deficiency (FA10D) [MIM:227600]. A hemorrhagic disease with variable presentation. Affected individuals can manifest prolonged nasal and

mucosal hemorrhage, menorrhagia, hematuria, and occasionally hemarthrosis. Some patients do not have clinical bleeding diathesis.

#### 序列相似性

Belongs to the peptidase S1 family.  
Contains 2 EGF-like domains.  
Contains 1 Gla (gamma-carboxy-glutamate) domain.  
Contains 1 peptidase S1 domain.

#### 翻译后修饰

The vitamin K-dependent, enzymatic carboxylation of some glutamate residues allows the modified protein to bind calcium.  
N- and O-glycosylated.  
The activation peptide is cleaved by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway).  
The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.

#### 细胞定位

Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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