

### Native mouse Factor X protein ab96742

#### 描述

产品名称	Native小鼠Factor X蛋白
生物活性	86.8 U/mg determined by Factor X clotting assay (1 unit is equivalent to the Factor X activity in 1 ml normal plasma based on a Human plasma standard curve). 86.8 U/mg determined by Factor X clotting assay (1 unit is equivalent to the Factor X activity in 1 ml normal plasma based on a Human plasma standard curve).
纯度	> 95 % SDS-PAGE. ab96742 is isolated from fresh frozen plasma by a combination of conventional techniques and immunoaffinity chromatography.
表达系统	Native
Accession	<b><u>O88947</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Mouse
预测分子量	59 kDa
氨基酸	41 to 481

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab96742** in the following tested applications.

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

应用	SDS-PAGE Functional Studies
形式	Liquid

#### 制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituent: 50% Glycerol (glycerin, glycerine) 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

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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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