

# Native mouse Factor Xa protein ab95261

## 描述

|       |   |
|-------|---|
| 产品名称  | Native小鼠Factor Xa蛋白   |
| 生物活性  | Activity is measured in a Factor Xa clotting assay and/or chromogenic substrate assay.  |
| 纯度    | > 95 % SDS-PAGE.<br>ab95261 is prepared by activating purified factor X with the factor X activator isolated from Russell's viper venom. Factor Xa is purified from the activation mixture by chromatography over benzamidine-Sepharose. Purity is determined by SDS-PAGE analysis. |
| 表达系统  | Native  |
| 蛋白长度  | Full length protein   |
| 无动物成分 | No  |
| 性质    | Native  |
| 种属    | Mouse   |

## 技术指标

Our **Abpromise guarantee** covers the use of **ab95261** 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<br>SDS-PAGE |
| 形式 | Liquid                         |

## 制备和贮存

|        |   |
|--------|---|
| 稳定性和存储 | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.<br>Constituent: 50% Glycerol (glycerin, glycerine)<br>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.   |

|              |   |
|--------------|---|
| <b>序列相似性</b> | <p>Belongs to the peptidase S1 family.</p> <p>Contains 2 EGF-like domains.</p> <p>Contains 1 Gla (gamma-carboxy-glutamate) domain.</p> <p>Contains 1 peptidase S1 domain.</p>   |
| <b>翻译后修饰</b> | <p>The vitamin K-dependent, enzymatic carboxylation of some glutamate residues allows the modified protein to bind calcium.</p> <p>N- and O-glycosylated.</p> <p>The activation peptide is cleaved by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway).</p> <p>The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.</p> |
| <b>细胞定位</b>  | <p>Secreted.</p>  |

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

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