

## Product datasheet

# Natural cow Factor Xa protein ab62231

### 概述

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产品名称	Natural牛Factor Xa protein
蛋白长度	Full length protein

### 描述

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性质	Native
来源	Native

### 氨基酸序列

种属	Cow
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额外的序列信息	Source of the protein = Factor Xa is prepared by activating purified factor X with the factor X activator isolated from Russell's viper venom.
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### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab62231** in the following tested applications.

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

生物活性	Specific activity is ~1000 units/mg.
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应用	SDS-PAGE Functional Studies
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形式	Liquid
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### 制备和贮存

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稳定性和存储	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Preservative: None Constituents: 50% Glycerol 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
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	presence of factor Va, calcium and phospholipid during blood clotting.
<b>组织特异性</b>	Plasma; synthesized in the liver.
<b>序列相似性</b>	Belongs to the peptidase S1 family. Contains 2 EGF-like domains. Contains 1 Gla (gamma-carboxy-glutamate) domain. Contains 1 peptidase S1 domain.
<b>翻译后修饰</b>	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.
<b>细胞定位</b>	Secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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