

### Native Cow Factor IX/PTC protein ab62547

描述	
产品名称	Native牛Factor IX/PTC蛋白
纯度	> 95 % Ion Exchange Chromatography. Bovine Factor IX/PTC was prepared from fresh citrated bovine plasma. 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	Cow
额外的序列信息	Source = fresh citrated bovine plasma
技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab62547</b> 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
补充说明	This product was previously labelled as Factor IX
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. Constituents: 50% Glycerol, 50% Water  50% H2O
常规信息	
功能	Factor IX is a vitamin K-dependent plasma protein that participates in the intrinsic pathway of

	blood coagulation by converting factor X to its active form in the presence of Ca(2+) ions, phospholipids, and factor VIIIa.
<b>组织特异性</b>	Synthesized primarily in the liver and secreted in plasma.
<b>疾病相关</b>	<p>Defects in F9 are the cause of recessive X-linked hemophilia B (HEMB) [MIM:306900]; also known as Christmas disease.</p> <p>Note=Mutations in position 43 (Oxford-3, San Dimas) and 46 (Cambridge) prevents cleavage of the propeptide, mutation in position 93 (Alabama) probably fails to bind to cell membranes, mutation in position 191 (Chapel-Hill) or in position 226 (Nagoya OR Hilo) prevent cleavage of the activation peptide.</p> <p>Defects in F9 are the cause of thrombophilia due to factor IX defect (THR-FIX) [MIM:300807]. A hemostatic disorder characterized by a tendency to thrombosis.</p>
<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>结构域</b>	Calcium binds to the gamma-carboxyglutamic acid (Gla) residues and, with stronger affinity, to another site, beyond the Gla domain.
<b>翻译后修饰</b>	<p>Activated by factor XIa, which excises the activation peptide.</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>	Secreted.

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

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