

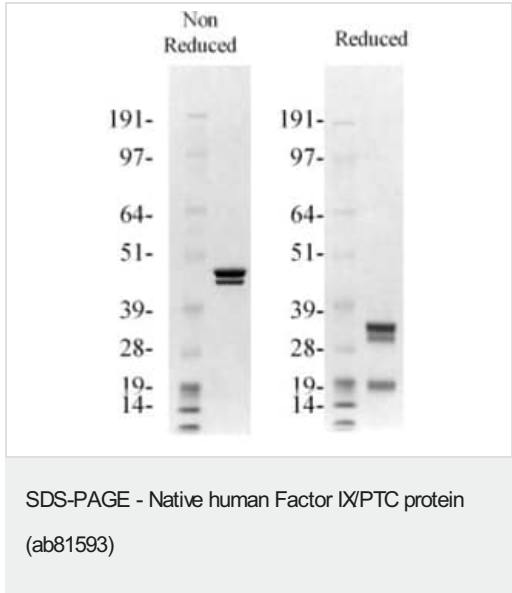
Native human Factor IX/PTC protein ab81593

1 References 1 图像

描述	
产品名称	Native人Factor IX/PTC蛋白
生物活性	<1% Factor IXa activity. Assay is performed to determine percent contaminating IXa activity. IXa activity is based on a IXa standard curve. Chromagenic assay uses Spectrozyme-IXa (American Diagnostica) as substrate. Active site blocked by EGR.
纯度	> 95 % SDS-PAGE.
表达系统	Native
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Human
氨基酸	47 to 461
技术指标	
Our Abpromise guarantee covers the use of ab81593 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 on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 0.476% HEPES, 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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.
组织特异性	Synthesized primarily in the liver and secreted in plasma.
疾病相关	<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>
序列相似性	<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>
结构域	Calcium binds to the gamma-carboxyglutamic acid (Gla) residues and, with stronger affinity, to another site, beyond the Gla domain.
翻译后修饰	<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>
细胞定位	Secreted.

图片



Novex 4-12% Bis-Tris

1 µg per lane

MOPS

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