

F9 抗原（重组蛋白）

中文名称： F9 抗原（重组蛋白）

英文名称： F9 Antigen (Recombinant Protein)

别名： FIX; P19; PTC; HEMB; THPH8

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 227-461 amino acids of human F9

技术规格

Full name:	coagulation factor IX
Synonyms:	FIX; P19; PTC; HEMB; THPH8
Swissprot:	P00740
Gene Accession:	BC109215
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes vitamin K-dependent coagulation factor IX that circulates in the blood as an inactive zymogen. This factor is converted to an active form by factor XIa, which excises the activation peptide and thus generates a heavy chain and a light chain held together by one or more disulfide bonds. The role of this activated factor IX in the blood coagulation cascade is to activate factor X to its active form through interactions with Ca ²⁺ ions, membrane phospholipids, and

factor VIII. Alterations of this gene, including point mutations, insertions and deletions, cause factor IX deficiency, which is a recessive X-linked disorder, also called hemophilia B or Christmas disease.