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Datasheet for ABIN7505722

Coagulation Factor IX Protein (F9) (AA 1-471) (His tag)

Overview

Quantity:	100 µg
Target:	Coagulation Factor IX (F9)
Protein Characteristics:	AA 1-471
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Coagulation Factor IX protein is labelled with His tag.

Product Details

Sequence:	Met 1-Thr 471
Characteristics:	A DNA sequence encoding the full length of mouse F9 (P16294) (Met 1-Thr 471) was fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	Coagulation Factor IX (F9)
Alternative Name:	Coagulation Factor IX (F9 Products)
Background:	Background: Coagulation factor IX, also known as Christmas factor, Plasma thromboplastin component and PTC, is a secreted protein which belongs to the peptidase S1 family. Coagulation factor IX / F9 contains two EGF-like domains, one Gla (gamma-carboxy-glutamate)

Target Details

domain and one?peptidase S1 domain. Coagulation factor IX / F9 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 Ca²⁺ ions, phospholipids, and factor VIIIa. Defects in Coagulation factor IX / F9 are the cause of thrombophilia due to factor IX defect which is a hemostatic disorder characterized by a tendency to thrombosis. Defects in Coagulation factor IX / F9 are also the cause of recessive X-linked hemophilia B (HEMB) which also known as Christmas disease.

Synonym: AW111646,Cf-9,Cf9

Molecular Weight: 51.3 kDa

UniProt: [P16294](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months