

Mouse Coagulation Factor IX / FIX / F9 (His Tag) recombinant protein



Catalog Number: 500460

General Information

Gene Name Synonym

Christmas factor; Coagulation factor IXa light chain; Coagulation factor IXa heavy chain

Protein Construction

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.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ala 29

Molecular Mass

The secreted recombinant mouse F9 (pro form)

comprises 454 amino acids and has a calculated molecular mass of 51.3 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 60-80 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

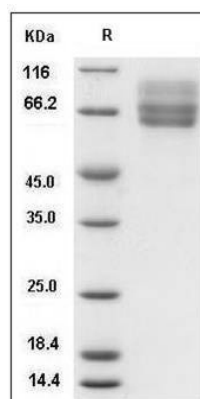
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Mouse Coagulation Factor IX / FIX / F9 Protein (His Tag) SDS-PAGE