F9-6926M

Cat. No. F9-6926M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse F9 (P16294) full length (Met 1-Thr 471), fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus, was produced in Human Cell.
Species	Mouse
Source	HEK293
ProteinLength	Met 1-Thr 471
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	F9 coagulation factor IX [Mus musculus]
Official Symbol	F9
Synonyms	F9; coagulation factor IX; christmas factor; Cf9; Cf-9; AW111646;
Gene ID	14071
mRNA Refseq	NM_007979
Protein Refseq	NP_032005

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