

Active Recombinant Full Length Human F9 protein, His-tagged

Cat. No. F9-1157H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human F9 protein(AAB59620.1)(Met1-Thr461), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-461 aa
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to cleave the peptide substrate, Z-D-Arg-Gly-Arg-pNA. The specific activity is >20pmols/min/ug.
Molecular Mass	The secreted recombinant human F9 (pro form) consists of 444 amino acids and predicts a molecular mass of 50 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh F9 is approximately 60-80 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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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°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [F9 coagulation factor IX \[Homo sapiens \]](#)

Official Symbol [F9](#)

Synonyms F9; coagulation factor IX; Christmas disease; Factor IX; FIX; hemophilia B; plasma thromboplastic component; F9 p22; FIX F9; factor 9; factor IX F9; serine protease; Christmas factor; plasma thromboplastin component; P19; PTC; HEMB; THPH8; MGC129641; MGC129642;

Gene ID [2158](#)

mRNA Refseq [NM_000133](#)

Protein Refseq [NP_000124](#)

MIM [300746](#)

UniProt ID [P00740](#)

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