

Recombinant Rat F9 protein, His-tagged

Cat. No. F9-312R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat F9(Asn61~Glu263) fused with Histag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	61-263 a.a.
Description	F9 played an important role in many functions.
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	24.1kDa
AA Sequence	MGHHHHHSGSEF-NAKPGQIPWQ VILNGEIEAF CGGAIINEKW IVTAAHCLKP GDKIEVVAGE HNIDEKEDTE QRRNVIRTIP HHQYNATINK YSHDIALLEL DKPLILNSYV TPICVANKEY TNIFLKFGSG YVSGWGKVFN KGRQASILQY LRVPLVDRAT CLRSTKFSIY NNMFCAGYRE G GKDSCEGDS GGP HVTEVEG TSFLTGIISW GEE
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	F9 coagulation factor IX [<i>Rattus norvegicus</i>]
Official Symbol	F9
Synonyms	F9; coagulation factor IX; christmas factor; coagulation factor 9; Coagulation factor IX (plasma thromboplastic component, Christmas disease, hemophilia B);
Gene ID	24946
mRNA Refseq	NM_031540
Protein Refseq	NP_113728
MIM	
UniProt ID	P16296
Chromosome Location	Xq36
Pathway	Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved

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biosystem;

Function

peptidase activity; peptidase activity; serine-type endopeptidase activity;

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