Coagulation Factor IX (F9) Pan Troglodytes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Coagulation factor IX (F9), Recombinant Protein
Full Product Name	Recombinant Pan troglodytes Coagulation factor IX (F9)
Product Gene Name	F9 recombinant protein
Product Synonym Gene Name	F9
Sequence	YNSGKLEEFV QGNLERECME EKCSFEEARE VFENTERTTE FWKQYVDGDQ CESNPCLNGG SCKDDINSYE CWCPFGFEGK NCELDVTCNI KNGRCEQFCK NSADNKVVCS CTEGYRLAEN QKSCEPAVPF PCGRVSVSQT SKLTRAETVF PDVDYVNSTE AETILDNITQ STQSFNDFTR VVGGEDAKPG QFPWQVVLNG KVDAFCGGSI VNEKWIVTAA HCVDTGVKIT VVAGEHNIEE TEHTEQKRNV IRIIPHHNYN AAINKYNHDI ALLELDEPLV LNSYVTPICI ADKEYTNIFL KFGSGYVSGW GRVFHKGRSA LVLQYLRVPL VDRATCLRST KFTIYNNMFC AGFHEGGRDS CQGDSGGPHV TEVEGTSFLT GIISWGEECA MKGKYGIYTK VSRYVNWIKE KTKLT
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	51,764 Da
Sequence Positions	47-461, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q95ND7
Species	Pan troglodytes (Chimpanzee)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for F9 recombinant protein	MBS1478727 is a recombinant protein targeting F9. Also known as Recombinant Pan troglodytes Coagulation factor IX (F9). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of F9 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for F9. It may not necessarily be applicable to this product.

NCBI GI #	207450729
NCBI GeneID	465887
NCBI Accession #	NP_001129063.1
UniProt Primary Accession #	Q95ND7

UniProt Related Accession #	Q95ND7
GenBank Nucleotide #	NM_001135591.1
NCBI Official Full Name	coagulation factor IX
NCBI Official Synonym Full Names	coagulation factor IX
NCBI Official Symbol	F9
UniProt Protein Name	Coagulation factor IX
UniProt Synonym Protein Names	Christmas factor
Protein Family	Coagulation factor
UniProt Gene Name	F9
NCBI Protein Information	coagulation factor IX
UniProt Comments for F9	Factor IX 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.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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