



Recombinant Bovine Coagulation factor IX (F9)

Product Code	CSB-EP007936BO
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P00741
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	YNSGKLEEFVIRGNLERECKEEKCSFEEAREVFENTEKTTEFWKQYVDGDQCE SNPCLNGGMCKDDINSYECWCQAGFEGTNCELDTCSIKNGRCKQFCKRDT DNKVVCSTDGYRLAEDQKSCEPAVPFPCGRVSVSHISKKLTRAETIFSNTNY ENSSEAEIWDNVTQSNQSFDEF SRVVGGEDAERGQFPWQVLLHGEIAAF CG GSIVNEKWVVTAAHCIKPGVKITVVAGEHNTEKPEPEQKRN VIRAIPIYHSYNA SINKYSHDIALLELDEPLELNSYVTPICIA DRDYTNIFLKFYGYVSGWGKVFNR GRSASILQYLKVPLVDRATCLRSTKFSIYSHMFCAGYHEGGKDSCQGDSSGP HVTEVEGTSFLTGIISWGEECAMKGGYGIYTKVSRVNVWIKETKLT
Source	E.coli
Target Names	F9
Protein Names	Recommended name: Coagulation factor IX EC= 3.4.21.22 Alternative name(s): Christmas factor Cleaved into the following 2 chains: 1. Coagulation factor IXa light chain 2. Coagulation factor IXa heavy chain
Expression Region	47-462aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length of mature protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.