



Recombinant Bovine Coagulation factor IX (F9)

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| Product Code | CSB-BP007936BO |
| 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 | YNSGKLEEFVVRGNLERECKEEKCSFEEAREVFENTEKTTEFWKQYVDGDQCE SNPCLNGGMCKDDINSYECWCQAGFEGTNCELDATCSIKNGRCKQFCKRDT DNKVVCSTDGYRLAEDQKSCPAVPFPCGRVSVSHISKKLTRAETIFSNTNY ENSSEAEIWDNVTQSNQSFDEF SRVVGGEDAERGQFPWQVLLHGEIAAF CG GSIVNEKWVVTA AHCIKPGVKITVVAGEHNTEKPEPEQKRN VIRAIPIYHSYNA SINKYSHDIALLELDEPLELNSYVTPIC IADR DYTNIFLKFYGYVSGWGKVFNR GRSASILQYLKVPLVDRATCLRSTKFSIYSHMFCAGYHEGGKDSCQGDSSGGP HVTEVEGTSFLTGIISWGEECAMKGGYGIYTKVSRVYVNWIKETKLT |
| Source | Baculovirus |
| 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. |
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