



Recombinant Pan troglodytes Coagulation factor IX (F9)

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| Product Code | CSB-EP007936EQV-B |
| Abbreviation | F9 |
| 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. | Q95ND7 |
| Product Type | Recombinant Protein |
| Immunogen Species | Pan troglodytes (Chimpanzee) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | YNSG KLEEFVQGNL ERECMEEKCS FEEAREVFEN TERTTEFWKQ YVDGDQCESN PCLNGGSCCKD DINSYECWCP FGFEGKNCEL DVTCNIKNGR CEQFCKNSAD NKVVCSCTEG YRLAENQKSC EPAVPFPCGR VSVSQTSKLT RAETVFPDVD YVNSTEAETI LDNITQSTQS FNDFTRVVG EDAKPGQFPW QVVLNGKVDA FCGGSIVNEK WIVTAAHCVD TGVKITVVAG EHNIEETEHT EQKRNVIIRII PHHNYNAAIN KYNHDIALLE LDEPLVLNSY VTPICIADKE YTNIFLKFGS GYVSGWGRVF HKGRSALVLQ YLRVPLVDRA TCLRSTKFTI YNNMFCAGFH EGGRDSCQGD SGGPHVTEVE GTSFLTGIIS WGEECAMKGK YGIYTKVSRV VNWIKKTKL T |
| 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 | 47-461 |
| 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.