



Recombinant Dog Vitamin K-dependent protein C (PROC)

Product Code	CSB-EP636715DO-B
Abbreviation	PROC
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.	Q28278
Product Type	Recombinant Protein
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Purity	>85% (SDS-PAGE)
Sequence	ANSFLEEI RAGSLERECM EEICDFEELAK EIFQNVDDTL AYWSKYVDGD QCAALPPEHA CDSPCCGHGS CIDGIGAFHC DCGRGWEGRF CQHEVSYINC SLDNGGCSHY CLEEEGGRHC SCAPGYRLGD DHLQCQPAVK FPCGRPGKQM EKRRKHLKRD TNQTDQIDPR LVNGKVTRRG ESPWQVLLD SKKKLACGAV LIHTSWLTA AHCMEDSKKL IURLGEYDLR RWEKGEMDVD IKEVLIHPNY SKSTTDNDIA LLHLAQAIF SQTIVPICLP DSGLAERELT QVGQETVVTG WGYRSETKRN RTFVLNFINI PVAPHNECIQ AMYNMISENM LCAGILGDSR DACEGDSGGP MVTSFRGTWF LVGLVSWGEG CGRLHNYGIY TKVSRYLWDWI HSHIRGEEAS LENQVP
Source	E.coli
Target Names	PROC
Protein Names	Recommended name: Vitamin K-dependent protein C EC= 3.4.21.69 Alternative name(s): Anticoagulant protein C Autoprothrombin IIA Blood coagulation factor XIV Cleaved into the following 2 chains: 1. Vitamin K-dependent protein C li
Expression Region	43-456
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.