Vitamin K-Dependent Protein C (PROC) Macaca Mulatta Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vitamin K-dependent protein C (PROC), Recombinant Protein
Full Product Name	Recombinant Macaca mulatta Vitamin K-dependent protein C (PROC)
Product Gene Name	PROC recombinant protein
Product Synonym Gene Name	PROC
Sequence	EKWELDLDIE EVFIHPNYTK STTDNDIALL RLAQPATLSQ TIVPICLPDS GLAERELTQA GQETLVTGWG YHSSREKEAK RNRTFILNFI KIPVVPRNEC SEVMSNMVSE NMLCAGILGD RQDACEGDSG GPMVASFHGT WFLVGLVSWG EGCGLLHNYG V
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	17,770 Da
Sequence Positions	1-161, 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 Q28506
Species	Macaca mulatta (Rhesus macaque)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PROC recombinant protein	MBS1480841 is a recombinant protein targeting PROC. Also known as Recombinant Macaca mulatta Vitamin K-dependent protein C (PROC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PROC 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 PROC. It may not necessarily be applicable to this product.

NCBI GI #	3914456
NCBI GeneID	699077
NCBI Accession #	Q28506.1
UniProt Primary Accession #	Q28506
UniProt Related Accession #	Q28506
NCBI Official Full Name	Vitamin K-dependent protein C

NCBI Official Symbol	PROC
UniProt Protein Name	Vitamin K-dependent protein C
UniProt Synonym Protein Names	Anticoagulant protein C; Autoprothrombin IIA; Blood coagulation factor XIV
Protein Family	Vitamin K-dependent protein
UniProt Gene Name	PROC
NCBI Protein Information	vitamin K-dependent protein C
UniProt Comments for PROC	Protein C is a vitamin K-dependent serine protease that regulates blood coagulation by inactivating factors Va and VIIIa in the presence of calcium ions and phospholipids. Exerts a protective effect on the endothelial cell barrier function.
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