

Vitamin K-dependent protein C

Catalog No: #AP78638



Package Size: #AP78638-1 50ug #AP78638-2 100ug #AP78638-3 1mg

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Description

Product Name	Vitamin K-dependent protein C
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	200-461AA
Other Names	Anticoagulant protein C, Autoprothrombin IIA, Blood coagulation factor XIV
Accession No.	P04070 Gene name: PROC
Uniprot	P04070
GeneID	5624;
Calculated MW	28.82
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (pH 8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 (PubMed:25618265). Exerts a protective effect on the endothelial cell barrier function (PubMed:25651845).

References

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Note: This product is for in vitro research use only