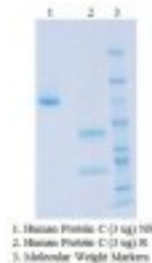


PROC Native Human Protein C

Catalog No.	CRP268-100 CRP268C	Quantity:	100 µg 1 mg
Alternate Names:	Vitamin K-dependent protein C, Blood coagulation factor XIV, Autoprothrombin IIA, Anticoagulant protein C		
Description:	Human protein C is prepared from fresh frozen human plasma using a combination of salt precipitations and column chromatography. Protein C is activated to the serine protease Activated Protein C (APC) by alpha-thrombin or the complex of alpha-thrombin/thrombomodulin. APC is a potent anticoagulant through the selective inactivation of Factors Va and VIIIa.		
UniProt ID:	P04070		
Gene ID:	5624		
Concentration:	> 1.0 mg/ml, lot specific		
Source:	Human plasma		
Molecular Weight:	62 kDa		
Formulation:	0.02M Tris-HCl; 0.1M NaCl; 0.001M Benzamidine; pH 7.4		
Purity:	>95% by SDS-PAGE analysis		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 1.45$		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		
Certification:	Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		



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