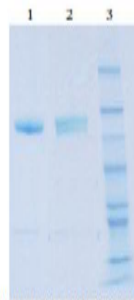


PROS1 Native Human Protein S

Catalog No.	CRP270A CRP270B	Quantity:	1.0 mg 2 mg
Alternate Names:	Vitamin K-dependent protein S, PROS1, PROS		
Description:	Human protein S is isolated from fresh frozen plasma by a combination of conventional methods and immunoaffinity chromatography. Protein S exists in two forms in human plasma, as the free protein and in complex with C4b-binding protein. This is the free protein from plasma which serves as a cofactor for the anticoagulant activity of activated protein C.		
UniProt ID:	P07225		
Gene ID:	5627		
Concentration:	≥ 1 mg/ml		
Source:	Human plasma		
Molecular Weight:	69 kDa, monomer		
Formulation:	0.02 M Tris-HCl, 0.1 M NaCl, 0.001 M Benzamidine, pH 7.4		
Purity:	>95% by SDS-PAGE analysis		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 0.95$		
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.		



1. Human Protein S (3 ug) NR
2. Human Protein S (3 ug) R
3. Molecular Weight Markers

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