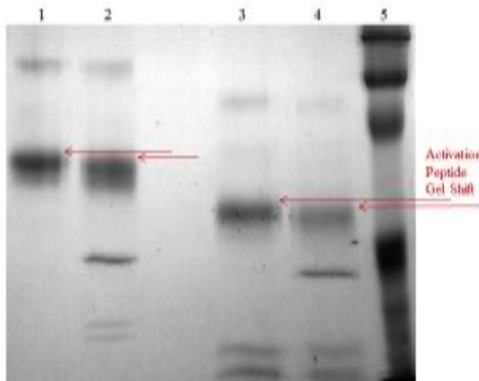


PROC

Recombinant Mouse Protein C His

Catalog No.	CRM027A CRM027B	Quantity:	50 µg 100 µg
Alternate Names:	APC, PC1, THPH3, THPH4, PROC		
Description:	This recombinant protein is an excellent replacement for plasma derived mouse Protein C which is no longer available. Incubation with thrombin generates Activated Protein C that has activity on a chromogenic substrate. Recombinantly produced in HEK cell culture, it is purified by a combination of chelated metal affinity and conventional chromatography. It contains an 8X-Histidine tag at the C-terminus for purification. The protein purity is determined by SDS-PAGE and shows total reduction upon incubation with 2-mercaptoethanol. Protein C is activated in vivo to the serine protease activated Protein C alpha-thrombin or the complex of alpha-thrombin/thrombomodulin. Activated Protein C is a potent anticoagulant through the selective inactivation of Factors Va and VIIIa.		
Concentration:	0.25 mg/ml		
Gene ID:	5624		
Source:	HEK cells		
Molecular Weight:	62 kDa		
Formulation:	Frozen liquid in 0.02 M Tris0Hcl + 0.1 M NaCl + 0.001 M Benzamidine, pH 7.4.		
Purity:	>95% by SDS-PAGE analysis		
Storage & Stability:	Store at -80°C. Stable for 3 years from delivery. Avoid repeated freeze-thaw cycles.		

SDS-PAGE of Recombinant Mouse Protein C. Lane 1, 1 µg Unactivated protein, non-reducing. Lane 2, 1 µg Activated protein, non-reducing. Lane 3, 1 µg Unactivated protein, reducing. Lane 4, 1 µg Activated protein, reducing. Lane 5, MW markers.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

