

SERPIND1

Native Human Heparin Cofactor II

Catalog No.	CRH130A CRH130B	Quantity:	100 µg 500 µg
Alternate Names:	Protease inhibitor leuserpin-2, HLS2, HC-II, Heparin cofactor 2		
Description:	Heparin Cofactor II is a single chain glycoprotein prepared from fresh frozen human plasma. HCII is a specific inhibitor of thrombin with increased activity in the presence of heparin.		
UniProt ID:	P05546		
Gene ID:	3053		
Source:	Human plasma		
Molecular Weight:	65.6 kDa		
Formulation:	0.02M Tris-HCl; 0.15M NaCl; 0.02% Sodium Azide; pH 7.4		
Purity:	>95% by SDS-PAGE analysis		
Concentration:	≥ 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280nm} = 0.91$		
Specific Activity:	Determined by thrombin inhibition in the presence of saturating concentrations of heparin.		
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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