

## F2

### Native Human Prothrombin

<b>Catalog No.</b>	CRP267A CRP267B	<b>Quantity:</b>	9 mg 90 mg
<b>Alternate Names:</b>	Coagulation factor II		
<b>Description:</b>	Human Prothrombin is prepared from fresh frozen human plasma. Activation of Prothrombin by Factor Va, Xa and phospholipids yields the serine protease Thrombin.		
<b>UniProt ID:</b>	P00734		
<b>Gene ID:</b>	2147		
<b>Concentration:</b>	> 5.0 mg/ml, lot specific		
<b>Source:</b>	Human plasma		
<b>Molecular Weight:</b>	72.0 kDa, monomer		
<b>Formulation:</b>	0.02 M Tris-HCl, 0.1 M NaCl pH 7.4.		
<b>Purity:</b>	>95% by SDS-PAGE analysis		
<b>Extinction Coefficient:</b>	$E^{0.1\%}_{280\text{nm}} = 1.38$		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	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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