

## SERPINF2

### Native Human Alpha-2-Antiplasmin

<b>Catalog No.</b>	CRA158A CRA158B CRA158C	<b>Quantity:</b>	100 µg 500 µg 1.0 mg
<b>Alternate Names:</b>	Alpha-2-antiplasmin, Alpha-2-AP, Alpha-2-plasmin inhibitor (Alpha-2-PI), Serpin F2		
<b>Description:</b>	Alpha-2-antiplasmin, a serine protease inhibitor, with major targets plasmin and trypsin, efficiently inhibits the plasminogen-activator-induced lysis of fibrin clots. Found in plasma at about 70 ug per ml. Alpha-antiplasmin-deficiency is a rare coagulation disorder which allows unrestrained fibrinolytic activity. Individuals with this condition may receive therapeutic A2AP prior to surgery to prevent postoperative hemorrhaging.		
<b>UniProt ID:</b>	P08697		
<b>Purity:</b>	>95% by SDS-PAGE		
<b>Molecular Weight:</b>	70 kDa		
<b>Source:</b>	Human Plasma		
<b>Extinction Coefficient:</b>	$E^{0.1\%}_{280\text{nm}} = 0.703$		
<b>Formulation:</b>	Lyophilized from 20 mM Bis-Tris, pH 6.4, with 200 mM NaCl		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add deionized water to $\geq 0.1$ mg/ml.		
<b>Specific Activity:</b>	$\geq 5.0$ Units/ml		
<b>Storage &amp; Stability:</b>	Store in working aliquots at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	Donors shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

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