

CPB2

Native Human Thrombin Activatable Fibrinolysis Inhibitor

Catalog No.	CSI20263A CSI20263B	Quantity:	100 µg 0.5 mg
Alternate Names:	Carboxypeptidase B2, Plasma procarboxypeptidase-B, pCPB, Carboxypeptidase-U, CPU, TAFI		
Description:	Thrombin Activatable Fibrinolysis Inhibitor (TAFI) is a single chain glycoprotein that is cleaved by thrombin, plasmin and trypsin. TAFI is purified from normal human plasma using immunoaffinity and ion-exchange chromatography. Activated TAFI cleaves C-terminal lysines on fibrin and cell surfaces resulting in down-regulation of fibrinolysis by reducing the number of plasminogen and tPA binding sites on fibrin.		
UniProt ID:	Q96IY4		
Gene ID:	1361		
Source:	Human plasma		
Molecular Weight:	58 kDa		
Formulation:	Liquid in 0.02 M HEPES, 0.2 M NaCl, pH 7.4		
Purity:	>95% by SDS-PAGE analysis		
Concentration:	≥ 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 2.2$		
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.		

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



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