

F2

Native Human Gamma-Thrombin

Catalog No.	CRG130C CRG130-2MG	Quantity:	1.0 mg 2 mg
Alternate Names:	Coagulation factor II		
Description:	A non-clotting derivative thrombin produced from Human alpha-Thrombin by controlled incubation with Trypsin-Sepharose. Gamma-thrombin is generated by cleavage of the B-chain at both the Arg106-Tyr107 and Lys190-Gly191 bonds. Gamma-thrombin is a noncoagulant form of thrombin that retains much of its platelet-activating capacity.		
UniProt ID:	P00734		
Gene ID:	2147		
Source:	Human plasma		
Molecular Weight:	12 kDa		
Formulation:	0.01M Na Acetate; 0.75M NaCl; pH 6.0		
Purity:	95% by SDS-PAGE analysis		
Concentration:	≥ 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 1.83$		
Specific Activity:	Determined using a fibrinogen clotting assay.		
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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