

F2

Native Mouse Thrombin

Catalog No.	CSI19900A CSI19900B	Quantity:	50 µg 250 µg
Description:	Mouse thrombin is prepared from purified prothrombin by activation with coastal taipan venom followed by affinity chromatography. Purity is verified by SDS-PAGE analysis and specific activity in NIH thrombin units is determined by chromogenic substrate.		
UniProt ID:	P19221		
Gene ID:	14061		
Source:	Mouse plasma		
Molecular Weight:	36.7 kDa		
Formulation:	0.025M Tris-HCl; 0.6M NaCl; pH 7.5		
Concentration:	> 1.0 mg/ml, lot specific		
Extinction Coefficient:	$E^{0.1\%}_{280\text{nm}} = 1.83$		
Purity:	>95% by SDS-PAGE analysis		
Specific Activity:	2993 NIH U/mg		
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.		



12.5% Tris-Glycine SDS-PAGE
1 Mouse Thrombin (3 ug) Non-reduced
2 Mouse Thrombin (3 ug) Reduced

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