

Catalog Number: HZ-3010

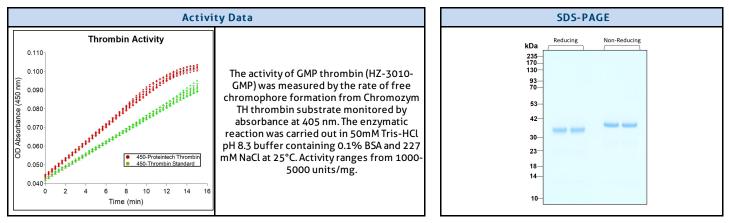
Data Sheet



HumanKine® Thrombin (Coagulation Factor II)

(Recombinant Human)

Anima	l Componei	nt-Free	Human cell expressed	Tag-Free	Endotoxin Free		
			Product Des	cription			
Product coagulatio	tion in human n correlated	293 cells ensur reactions. Thron	es authentic glycosylation. Thrombin i	s a coagulation protein ar itional cells through prot	tein with an apparent molecular mass of 36 kDa. nd a serine protease that catalyzes numerous tease activated receptors and endorses platelet rum-free, chemically defined media.1		
Alternative Names		Coagulation factor II, F2, Prothrombin, PT, Thrombin					
Source		Human Embryonic Kidney cells (HEK293). HEK293-derived Thrombin (Coagulation Factor II) protein					
Species I	Reactivity	human, mouse					
			Specifica	tions			
Test	Method			Specification			
Activity	Rate of free chromophore formation from Chromozym TH thrombin substrate monitored by absorbance at 405 nm			1000-5000 units/mg			
Molecular Mass	SDS-PAGE				34 kDa reduced, 36 kDa non-reduced, monomer glycosylated		
Purity	SDS-PAGE				> 95%		
Endotoxin			LAL		<1 EU/µg		



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Preparation							
Shipping Temperature	Dry Ice						
Formulation	20 mM MES pH 6.0 + 500 mM Choline Chloride, See Certificate of Analysis for details						
Reconstitution	Not Applicable. Product provided in liquid format.						
	Product Form	Temperature Conditions	Storage Time (From Date of Receipt)				
	Liquid	-80°C	Until Expiry Date				
Stability and Storage	Liquid	-20°C	6 months				
	Liquid	4°C	1 week				
	Avoid repeated freeze-thaw cycles.						

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