

Human α -Thrombin

Cat. No.:	HY-114164A		
CAS No.:	9002-04-4		
Target:	Thrombin		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Human α -Thrombin

BIOLOGICAL ACTIVITY

Description

Human α -thrombin is a multifunctional serine protease that plays a pivotal role in the coagulation pathway. Human α -thrombin cleaves fibrinogen and converts it into fibrin. Human α -thrombin can stimulate platelet activation and stabilize fibrin polymers^[1].

REFERENCES

[1]. Troisi R, et, al. Molecular dynamics simulations of human α -thrombin in different structural contexts: evidence for an aptamer-guided cooperation between the two exosites. *J Biomol Struct Dyn*. 2021 Apr;39(6):2199-2209.

Caution: Product has not been fully validated for medical applications. For research use only.

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