

Plasmin

Cat. No.:	HY-108883		
CAS No.:	9001-90-5		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Plasmin

BIOLOGICAL ACTIVITY

Description	Plasmin is an important protease present in blood that degrades many plasma proteins, including fibrin clots. Plasmin can also act as a potent regulator of the immune process and can directly interact with various cell types, including monocytes, macrophages, and dendritic cells ^{[1][2]} .
In Vitro	Plasmin (20 µg/mL, 24 h) can activate PAR-1, strongly induce ERK phosphorylation, and degrade e-cadherin in mouse cortical tubular epithelial cell line (MCT) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Guoqiang Zhang, et al. Plasmin(ogen) promotes renal interstitial fibrosis by promoting epithelial-to-mesenchymal transition: role of plasmin-activated signals. J Am Soc Nephrol. 2007 Mar;18(3):846-59.

[2]. Dominik F Draxler, et al. Plasmin: A Modulator of Immune Function. Semin Thromb Hemost. 2017 Mar;43(2):143-153.

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

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