

# Thrombin

Thrombin (EC 3.4.21.5, fibrinogenase, thrombase, thrombofort, topical, thrombin-C, tropostasin, activated blood-coagulation factor II, blood-coagulation factor IIa, factor IIa, E thrombin, beta-thrombin, gamma-thrombin) is a [serine protease](#) that in humans is encoded by the F2 gene.

Prothrombin (coagulation factor II) is proteolytically cleaved to form thrombin in the coagulation cascade, which ultimately results in the reduction of blood loss.

Thrombin in turn acts as a serine protease that converts soluble [fibrinogen](#) into insoluble strands of [fibrin](#), as well as catalyzing many other coagulation-related reactions.

see [Direct thrombin inhibitor](#).

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see [Bovine thrombin](#)

## Thrombin in Intracerebral Hemorrhage

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