Figure S1. TFPI immunoreactivity is decreased in blood from TFPI\textsuperscript{Tie2} mice compared with TFPI\textsuperscript{Flox}. *p<0.01

Figure S2. Plasma TFPI activities.
TFPI activities were measured in plasma from mice that contain a “floxed” TFPI-K1 domain and either don’t express Cre recombinase (TFPI\textsuperscript{Flox}) or express the Cre recombinase via the endothelial specific promoter for Tie2 (TFPI\textsuperscript{Tie2}) following seven backcrosses into the C57BL/6 background. * P<0.0001.

Figure S3. Serial dilution of TF (Innovin) does not reveal a major effect on plasma clotting times. Plasma samples were incubated with serial dilutions of TF (1:200, 1:400, 1:800, 1:1600 and 1:3200) for two minutes at 37°C prior to the addition of CaCl\textsubscript{2} to initiate clotting. Clotting times between TFPI\textsuperscript{Flox} and TFPI\textsuperscript{Tie2} mice did not differ significantly at any concentration of TF.
Figure S1

[Bar chart showing absorbance at 405 nm for TFPI Flox and TFPI Tie2. TFPI Flox has a higher absorbance compared to TFPI Tie2, indicated by an asterisk (*).]
Figure S2

![Bar graph showing TFPI activity (units/ml) for TFPI Flox and TFPI Tie2. The graph indicates a significant difference (*) between the two groups.](image-url)