SD for n=2-3 mice per timepoint. Solid lines represent s.c. and dotted lines i.v. treatment. Abbreviation: s.c.: subcutaneous; i.v.: intravenous;

Figure 10 shows FVIII activity plasma levels after subcutaneous or intravenous administration of rD'D3-FP with or without different recombinant FVIII or a plasma derived FVIII in FVIII ko mice (Fig. 10A Beriate®, Fig. 10B Advate® and Fig. 10C ReFacto AF®). FVIII was quantified as chromogenic FVIII activity. Data is given as mean ± SD for n=2-3 mice per timepoint. Solid lines represent s.c. and dotted lines i.v. treatment; Abbreviation: s.c.: subcutaneous; i.v.: intravenous;

Figure 11 shows recombinant polypeptide plasma levels after subcutaneous or intravenous administration of rD'D3-FP EYA or rD'D3-CTP with recombinant FVIII in FVIII ko mice. rD'D3-FP EYA was quantified via its albumin component and rD'D3-CTP via its D'D3 component. Data is given as mean ± SD for n=3 mice per timepoint. Solid lines represent s.c. and dotted lines i.v. treatment. Abbreviation: s.c.: subcutaneous; i.v.: intravenous; and

Figure 12 shows FVIII activity plasma levels after subcutaneous or intravenous administration of rD'D3-FP EYA or rD'D3-CTP with recombinant FVIII in FVIII ko mice. FVIII was quantified as chromogenic FVIII activity. Data is given as mean ± SD for n=3 mice per timepoint. Solid lines represent s.c. and dotted lines i.v. treatment; Abbreviation: s.c.: subcutaneous; i.v.: intravenous.

DETAILED DESCRIPTION

In a first aspect, the present invention relates to a recombinant polypeptide comprising a truncated von Willebrand Factor (VWF) for use in the treatment or prophylaxis of a blood coagulation disorder, said treatment comprising administering the recombinant polypeptide and a Factor VIII (FVIII) protein extravascular to a subject having a blood coagulation disorder, wherein said recombinant polypeptide is capable of binding to said FVIII, and wherein the molar ratio of the recombinant polypeptide to be administered to the FVIII to be administered is higher than 50.

In a second aspect, the present invention pertains to a pharmaceutical composition for use in the treatment or prophylaxis of a blood coagulation disorder, the composition comprising

(i) the recombinant polypeptide of the invention comprising a truncated von Willebrand Factor (VWF), and

(ii) a Factor VIII protein (FVIII),

wherein the molar ratio of the recombinant polypeptide to the FVIII protein within the pharmaceutical composition is greater than 50 and wherein said recombinant polypeptide is