

Title (en)
RECOMBINANT PROTEIN C AND PROTEIN S VARIANTS

Title (de)
REKOMBINANTE VARIANTEN VON PROTEIN C UND PROTEIN S

Title (fr)
VARIANTES DE PROTEINE C ET PROTEINE S RECOMBINANTES

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Abstract (en)
[origin: WO9844000A1] The present invention is concerned with a variant blood coagulation component, which is substantially homologous in amino acid sequence to wild-type blood coagulation component capable of expressing anticoagulant activity in the protein C-anticoagulant system of blood and selected from protein C (PC), activated protein C (APC) and protein S (PS), said variant component being capable of expressing an anticoagulant activity, which is enhanced in comparison with the anticoagulant activity expressed by the corresponding wild-type blood coagulation component, and said variant component differing from the respective wild-type component, in that it contains in comparison with the said wild-type component at least one amino acid residue modification in its amino acid residue sequence. The present invention is also concerned with methods to produce such variants based on DNA technology, DNA segments intended for use in the said methods, and the use of the said variants for therapeutic and diagnostic purposes.

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