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(54) Title: THROMBIN CLEAVABLE LINKER WITH XTEN AND ITS USES THEREOF

(57) Abstract: The present invention provides a chimeric molecule comprising a VWF protein fused to a heterologous moiety via a VWF linker. The invention provides an efficient VWF linker that can be cleaved in the presence of thrombin. The chimeric molecule can further comprise a polypeptide chain comprising a FVIII protein and a second heterologous moiety, wherein the chain comprising the VWF protein and the chain comprising the FVIII protein are associated with each other. The invention also includes nucleotides, vectors, host cells, methods of using the chimeric proteins.



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