

Title (en)  
DNA SEQUENCES CODING FOR MODIFIED FACTOR VIII:C AND MODIFIED FACTOR VIII:C-LIKE POLYPEPTIDES AND PROCESSES FOR PRODUCING THESE POLYPEPTIDES IN HIGH YIELDS.

Title (de)  
DNA-SEQUENZEN, DIE FÜR EINEN MODIFIZIERTEN FAKTOR-VIII:C KODIEREN, MODIFIZIERTE DEM FAKTOR-VIII:C ÄHNLICHE POLYPEPTIDE UND VERFAHREN ZUR HERSTELLUNG DIESER POLYPEPTIDE IN GROSSEN MENGEN.

Title (fr)  
SEQUENCES ADN POUR FACTEUR VIII:C MODIFIÉ ET POLYPEPTIDES SEMBLABLES AU FACTEUR VIII:C MODIFIÉ ET PROCÉDES DE PRODUCTION EN GRANDES QUANTITÉS DE CES POLYPEPTIDES.

Publication  
**EP 0275305 A4 19881107 (EN)**

Application  
**EP 87905356 A 19870731**

Priority  
US 89337586 A 19860801

Abstract (en)  
[origin: WO8800831A1] DNA sequences coding on expression for modified factor VIII:C and modified factor VIII:C-like polypeptides and methods of making them in high yields in appropriate hosts transformed with those DNA sequences. DNA sequences containing internal deletions removing a major part of the sequence which codes on expression for the maturation polypeptide of factor VIII:C express modified factor VIII:C and modified factor VIII:C-like polypeptides 20 times more efficiently than DNA sequences coding for the factor VIII:C.

IPC 1-7  
**A61K 35/14; C12N 15/00; C12P 21/00; C12P 21/02**

IPC 8 full level  
**A61K 38/00** (2006.01); **A61K 38/46** (2006.01); **A61P 7/02** (2006.01); **A61P 7/04** (2006.01); **C07H 21/04** (2006.01); **C07K 14/00** (2006.01); **C07K 14/745** (2006.01); **C07K 14/755** (2006.01); **C12N 15/00** (2006.01); **C12N 15/09** (2006.01); **C12N 15/85** (2006.01); **C12P 21/02** (2006.01); **D04B 9/42** (2006.01); **C12R 1/19** (2006.01)

CPC (source: EP KR)  
**A61K 35/14** (2013.01 - KR); **A61P 7/02** (2017.12 - EP); **A61P 7/04** (2017.12 - EP); **C07K 14/755** (2013.01 - EP); **C12N 15/85** (2013.01 - EP); **A61K 38/00** (2013.01 - EP)

Citation (search report)

- EP 0123945 A1 19841107 - SCRIPPS CLINIC RES [US]
- EP 0150735 A2 19850807 - CHIRON CORP [US], et al
- EP 0182372 A2 19860528 - SCRIPPS CLINIC RES [US]
- EP 0197901 A1 19861015 - KABIVITRUM AB [SE]
- WO 8800210 A1 19880114 - NORDISK GENTOFTE [DK]
- WO 8707144 A1 19871203 - GENETICS INST [US]
- EP 0265778 A1 19880504 - RORER INT OVERSEAS [US]
- EP 0253455 A1 19880120 - GIST BROCADES NV [NL]
- Biochemistry, Vol. 25, No. 26, December 30, 1986, pages 8343-8347; Am. Chem. Soc., Washington, US; D.L. EATON et al.: "Construction and characterization of an active factor VIII variant lacking the central one-third of the molecule", whole article.
- See references of WO 8800831A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 8800831 A1 19880211**; AU 595640 B2 19900405; AU 7804087 A 19880224; EP 0275305 A1 19880727; EP 0275305 A4 19881107; JP 2525438 B2 19960821; JP S63503275 A 19881202; KR 880701557 A 19881103; KR 910006424 B1 19910824

DOCDB simple family (application)  
**US 8701814 W 19870731**; AU 7804087 A 19870731; EP 87905356 A 19870731; JP 50481287 A 19870731; KR 880700355 A 19880401