

Title (en)

POLYPEPTIDES AND ANTIBODIES RELATED TO DEGLYCOSYLATED VIRAL GLYCOPROTEINS.

Title (de)

POLYPEPTIDE UND ANTIKÖRPER GEGEN ENTGLYKOSILIERTER VIRALER GLYKOPROTEINE.

Title (fr)

POLYPEPTIDES ET ANTICORPS ASSOCIES A DES GLUCOPROTEINES VIRALES DEPOURVUES DE GLUCOSE.

Publication

**EP 0203177 A4 19870428 (EN)**

Application

**EP 86900378 A 19851120**

Priority

US 67600884 A 19841129

Abstract (en)

[origin: WO8603224A1] An N-linked, carbohydrate-free polypeptide comprising an amino acid residue sequence substantially identical to that of a viral envelope N-linked glycoprotein, its related non-virus whose envelope protein is free of N-linked carbohydrate, and methods of producing and utilizing the polypeptide. The polypeptide is substantially free of N-linked glycosylation of the glycoprotein and induces the production of antibody-containing serum that (i) provides improved cross-reactivity among related viral strains and/or (ii) neutralizes the virus of said viral glycoprotein at a greater serum dilution than does antibody-containing serum induced by the viral envelope N-linked glycoprotein when the polypeptide and the viral envelope N-linked glycoprotein are individually utilized to induce antibody production in separate host mammals of the same strain using substantially identical immunization regimens.

IPC 1-7

**C12N 7/00**

IPC 8 full level

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Citation (search report)

- WO 8404327 A1 19841108 - HARVARD COLLEGE [US]
- WO 8502625 A1 19850620 - CETUS CORP [US]
- EP 0151475 A2 19850814 - JAPAN FOUND CANCER [JP]
- EP 0199301 A1 19861029 - HOFFMANN LA ROCHE [CH], et al
- See also references of WO 8603224A1

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