

Title (en)

RECOMBINANT ANTIGENS FROM MUMPS VIRUS AND THEIR USE IN VACCINES

Title (de)

MUMPS VIRUS-REKOMBINANTE ANTIGENE UND DEREN VERWENDUNG IN IMPSTOFFEN

Title (fr)

ANTIGENES RECOMBINES DU VIRUS OURLIEN ET LEUR UTILISATION DANS LES VACCINS

Publication

**EP 0695358 A1 19960207 (EN)**

Application

**EP 94915539 A 19940426**

Priority

- EP 9401297 W 19940426
- GB 9308963 A 19930430

Abstract (en)

[origin: WO9425600A1] The invention provides recombinant DNA encoding an antigen of mumps virus selected from the group comprising: (a) the full length fusion protein (F), complete with signal peptide(s) and membrane anchor domain (a) (designated herein as Fs+a+); the full length attachment protein or hemagglutinin-neuraminidase (HN); the full length nucleocapsid protein (NP); (b) the truncated fusion protein lacking the membrane anchor domain (herein designated Fs+a-); (c) a hybrid protein derived by fusion of the F, HN and/or NP proteins or portions thereof. Also within the scope of the invention are vectors comprising the DNA of the invention and a host such as a vaccinia virus, mammalian cell or bacterial cell transformed or transfected with the vector; and proteins expressed by the hosts.

IPC 1-7

**C12N 15/45**; **C12N 15/62**; **C12N 15/86**; **C12N 15/70**; **C12N 5/10**; **C07K 14/00**; **A61K 39/165**

IPC 8 full level

**C12N 1/21** (2006.01); **C07K 14/12** (2006.01); **C12N 15/45** (2006.01); **A61K 39/00** (2006.01); **C12R 1/19** (2006.01)

CPC (source: EP US)

**C07K 14/005** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US); **C07K 2319/033** (2013.01 - EP); **C12N 2760/18722** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9425600 A1 19941110**; AU 6964894 A 19941121; CA 2161645 A1 19941110; CN 1126492 A 19960710; EP 0695358 A1 19960207; GB 9308963 D0 19930616; JP H08512199 A 19961224; KR 960702000 A 19960328

DOCDB simple family (application)

**EP 9401297 W 19940426**; AU 6964894 A 19940426; CA 2161645 A 19940426; CN 94192620 A 19940426; EP 94915539 A 19940426; GB 9308963 A 19930430; JP 52386394 A 19940426; KR 19950704819 A 19951030