Title (en)

PRODUCTION OF MYCOBACTERIAL POLYPEPTIDES BY LACTIC ACID BACTERIA

Title (de)

HERSTELLUNG VON MYKOBACTERIEN-POLYPEPTIDENS BEI MILCHSAÜRE-BACTERIEN

Title (fr)

FABRICATION DE POLYPEPTIDES MYCOBACTERIENS PAR UNE BACTERIE D'ACIDE LACTIQUE

Publication

EP 1058731 A2 20001213 (EN)

Application

EP 99906089 A 19990305

Priority

- DK 9900109 W 19990305
- DK 30698 A 19980306
- US 7710598 P 19980306

Abstract (en)

[origin: WO9945119A2] A method of producing in a recombinant lactic acid bacterium such as Lactococcus lactis a bioreactive polypeptide derived from mycobacteria belonging to the M. tuberculosis complex Mycobacterium tuberculosis, Mycobacterium africanum and Mycobacterium bovis or any other mycobacterial species. The lactic acid bacterially produced polypeptide is in the form of monomer or polymers of one or more polypeptide and it is useful as a diagnostic agent in delayed type hypersensitivity (DTH) skin tests in animals and humans and in vaccines. A bioreactive ESAT-6 homodimer polypeptide is described.

IPC 1-7

C12N 15/31; C07K 14/35; A61K 39/04; G01N 33/569

IPC 8 full level

G01N 33/569 (2006.01); **A61K 39/04** (2006.01); **A61K 39/39** (2006.01); **C07K 14/35** (2006.01); **C07K 19/00** (2006.01); **C12N 15/09** (2006.01); **C12N 15/31** (2006.01); **C12P 21/02** (2006.01); A61K 39/00 (2006.01)

CPC (source: EP US)

A61P 31/06 (2018.01 - EP); **C07K 14/35** (2013.01 - EP); A61K 39/00 (2013.01 - EP US); A61K 2039/51 (2013.01 - EP); C07K 2319/00 (2013.01 - EP)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9945119 A2 19990910; **WO 9945119 A3 19991021**; AU 2611999 A 19990920; AU 749672 B2 20020704; CA 2322505 A1 19990910; EP 1058731 A2 20001213; JP 2002505106 A 20020219; NZ 507278 A 20031031

DOCDB simple family (application)

DK 9900109 W 19990305; AU 2611999 A 19990305; CA 2322505 A 19990305; EP 99906089 A 19990305; JP 2000534650 A 19990305; NZ 50727899 A 19990305