

Title (en)

RECOMBINANT FUSION PROTEINS AND THE TRIMERS THEREOF

Title (de)

REKOMBINANTE FUSIONSPROTEINE UND DEREN TRIMERE

Title (fr)

PROTEINES HYBRIDES RECOMBINEES ET LEURS TRIMERES

Publication

EP 1385966 A2 20040204 (DE)

Application

EP 02769144 A 20020508

Priority

- DE 10122140 A 20010508
- EP 0205103 W 20020508

Abstract (en)

[origin: WO02090553A2] Die vorliegende Anmeldung betrifft rekombinante Fusionsproteine, mit der Eigenschaft, Trimere bilden zu können, wobei die rekombinanten Fusionproteine mindestens eine Komponente A und mindestens eine Komponente B aufweisen, wobei die Komponente B trimerisierende Eigenschaften und die Komponente A biologische Eigenschaften aufweist, sowie Trimere dieser rekombinanten Fusionsproteine. Weiterhin betrifft die vorliegende Erfindung die Verwendung von derartigen Trimeren zur Herstellung eines Arzneimittels bzw. deren Verwendung zur In-vitro-Diagnose bzw. zur Herstellung eines In-vitro-Diagnosenmittels. Auch DNA-Sequenzen, die für ein derartiges Fusionsprotein kodieren, sowie Expressionsvektoren und Wirtszellen, die die DNA-Sequenz bzw. den Expressionsvektor enthalten, sind Gegenstand der vorliegenden Erfindung. [origin: WO02090553A2] The invention relates to recombinant fusion proteins having the property of being able to form trimers. Said recombinant fusion proteins comprise at least one component A and at least one component B. Component B has trimerizing properties and component A has biological properties. The invention also relates to trimers of said recombinant fusion proteins. The invention further relates to the use of said trimers in the production of a medicament or the use thereof for in-vitro diagnosis or in the production of in-vitro diagnosis agent. The invention also relates to DNA sequences coding for said fusion protein and expression vectors and host cells containing said DNA sequences or expression vector.

IPC 1-7

C12N 15/62; C07K 14/47; C07K 14/525; C07K 19/00; C12N 1/21; C12N 5/10; A61K 38/17

IPC 8 full level

A61K 38/00 (2006.01); **A61P 1/16** (2006.01); **A61P 17/00** (2006.01); **A61P 25/00** (2006.01); **A61P 29/00** (2006.01); **A61P 31/14** (2006.01); **A61P 31/20** (2006.01); **A61P 37/02** (2006.01); **A61P 37/06** (2006.01); **A61P 43/00** (2006.01); **C07K 14/47** (2006.01); **C07K 14/475** (2006.01); **C07K 14/52** (2006.01); **C07K 14/525** (2006.01); **C07K 14/575** (2006.01); **C07K 14/705** (2006.01); **C07K 14/715** (2006.01); **C07K 19/00** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01)

CPC (source: EP US)

A61P 1/16 (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 31/14** (2017.12 - EP); **A61P 31/20** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 14/525** (2013.01 - EP US); **C07K 14/7151** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US)

Citation (search report)

See references of WO 02090553A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 02090553 A2 20021114; WO 02090553 A3 20030501; BR 0209471 A 20040706; CA 2452245 A1 20021114; CN 1602358 A 20050330; DE 10122140 A1 20021128; EP 1385966 A2 20040204; IL 158751 A0 20040512; JP 2004534529 A 20041118; MX PA03010263 A 20050307; PL 367031 A1 20050221; US 2004197876 A1 20041007; ZA 200308589 B 20040712

DOCDB simple family (application)

EP 0205103 W 20020508; BR 0209471 A 20020508; CA 2452245 A 20020508; CN 02813077 A 20020508; DE 10122140 A 20010508; EP 02769144 A 20020508; IL 15875102 A 20020508; JP 2002587613 A 20020508; MX PA03010263 A 20020508; PL 36703102 A 20020508; US 47715903 A 20031124; ZA 200308589 A 20031104