

Title (en)

TNF-a BINDING MOLECULES

Title (de)

TNF-a-BINDENDE MOLEKÜLE

Title (fr)

MOLECULES DE LIAISON AU FACTEUR DE NECROSE TUMORALE ALPHA

Publication

**EP 1590431 A4 20091223 (EN)**

Application

**EP 04700833 A 20040108**

Priority

- US 2004000290 W 20040108
- US 33862703 A 20030108
- US 33855203 A 20030108

Abstract (en)

[origin: WO2004063335A2] The present invention relates to TNF-alpha binding molecules and nucleic acid sequences encoding TNF-alpha binding molecules. In particular, the present invention relates to TNF-alpha binding molecules with a high binding affinity, a high association rate, a low dissociation rate with regard to human TNF-alpha and that are capable of neutralizing TNF-alpha at low concentrations. Preferably, the TNF-alpha binding molecules of the present invention comprise light and/or heavy chain variable regions with fully human frameworks (e.g. human germline frameworks).

IPC 8 full level

**C07K 16/24** (2006.01); **A61K 39/395** (2006.01); **A61P 37/06** (2006.01)

CPC (source: EP)

**A61P 19/02** (2017.12); **A61P 29/00** (2017.12); **A61P 31/04** (2017.12); **A61P 37/06** (2017.12); **C07K 16/241** (2013.01); **A61K 2039/505** (2013.01); **C07K 2317/24** (2013.01); **C07K 2317/56** (2013.01); **C07K 2317/565** (2013.01); **C07K 2317/567** (2013.01); **C07K 2317/76** (2013.01); **C07K 2317/92** (2013.01); **G01N 2333/525** (2013.01)

Citation (search report)

- [A] WO 9729131 A1 19970814 - BASF AG [DE], et al
- [A] EP 0626389 A1 19941130 - CELLTECH LTD [GB]
- See references of WO 2004063335A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004063335 A2 20040729; WO 2004063335 A3 20090604;** EP 1590431 A2 20051102; EP 1590431 A4 20091223;  
JP 2007525409 A 20070906

DOCDB simple family (application)

**US 2004000290 W 20040108;** EP 04700833 A 20040108; JP 2006500817 A 20040108