

Title (en)
LIGAND FOR CD28 RECEPTOR ON B CELLS AND METHODS

Publication
EP 0537293 A4 19930908 (EN)

Application
EP 91914867 A 19910701

Priority
• US 54798090 A 19900702
• US 72210191 A 19910627

Abstract (en)
[origin: WO9200092A1] The invention identifies the B7 antigen as a ligand that is reactive with the CD28 receptor on T cells. Fragments and derivatives of the B7 antigen and CD28 receptor, including fusion proteins having amino acid sequences corresponding to the extracellular domains of B7 or CD28 joined to amino acid sequences encoding portions of human immunoglobulin C gamma 1, are described. Methods are provided for using B7 antigen, its fragments and derivatives, and the CD28 receptor, its fragments and derivatives, as well as antibodies and other molecules reactive with B7 antigen and/or the CD28 receptor, to regulate CD28 positive T cell responses, and immune responses mediated by T cells. The invention also includes an assay method for detecting ligands reactive with cellular receptors mediating intercellular adhesion.

IPC 1-7
A61K 37/02

IPC 8 full level
A61K 38/00 (2006.01); **A61K 39/00** (2006.01); **A61K 39/395** (2006.01); **A61P 37/00** (2006.01); **C07K 14/00** (2006.01); **C07K 14/705** (2006.01); **C07K 16/00** (2006.01); **C07K 16/28** (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 15/02** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/02** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/569** (2006.01); **G01N 33/577** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
A61P 37/00 (2017.12); **C07K 14/705** (2013.01); **C07K 14/70521** (2013.01); **C07K 14/70532** (2013.01); **C07K 16/2818** (2013.01); **C07K 16/2827** (2013.01); **G01N 33/56972** (2013.01); **A61K 38/00** (2013.01); **C07K 2319/00** (2013.01); **C07K 2319/02** (2013.01); **C07K 2319/32** (2013.01); **C07K 2319/75** (2013.01)

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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9200092 A1 19920109; CA 2086325 A1 19920103; CA 2086325 C 20101005; EP 0537293 A1 19930421; EP 0537293 A4 19930908; JP 2002186486 A 20020702; JP H06508501 A 19940929

DOCDB simple family (application)
US 9104682 W 19910701; CA 2086325 A 19910701; EP 91914867 A 19910701; JP 2001278438 A 20010913; JP 51362591 A 19910701