

Title (en)  
IMMUNE MEDIATORS AND RELATED METHODS

Title (de)  
IMMUNMEDIATOREN UND VERWANDTE METHODEN

Title (fr)  
MEDIATEUR IMMUNITAIRE ET METHODES ASSOCIEES

Publication  
**EP 1307211 A4 20050105 (EN)**

Application  
**EP 01934857 A 20010322**

Priority  
• US 0109616 W 20010322  
• US 19127400 P 20000322  
• US 20424900 P 20000515  
• US 26400301 P 20010123

Abstract (en)  
[origin: WO0170245A1] The present invention relates to nucleic acids encoding single chain MHC class II molecules that form multimers via inter-chain multimerization domains, and methods of treating autoimmune disease using the same.

IPC 1-7  
**A61K 35/28**; **C07K 14/705**

IPC 8 full level  
**A61K 39/00** (2006.01); **C07K 14/74** (2006.01)

CPC (source: EP)  
**A61K 39/0008** (2013.01); **C07K 14/70539** (2013.01); **A61K 2039/605** (2013.01); **C07K 2319/00** (2013.01); **C07K 2319/30** (2013.01)

Citation (search report)

- [Y] WO 9914236 A1 19990325 - BURROWS GREGORY G [US], et al
- [DY] WO 9909064 A1 19990225 - SINAI SCHOOL MEDICINE [US], et al
- [DY] WO 9913095 A2 19990318 - UNIV JOHNS HOPKINS MED [US], et al
- [Y] BURROWS G G ET AL: "Two-domain MHC class II molecules form stable complexes with myelin basic protein 69-89 peptide that detect and inhibit rat encephalitogenic T cells and treat experimental autoimmune encephalomyelitis", JOURNAL OF IMMUNOLOGY, THE WILLIAMS AND WILKINS CO. BALTIMORE, US, vol. 161, 1998, pages 5987 - 5996, XP002216664, ISSN: 0022-1767
- [Y] RHODE P R ET AL: "SINGLE-CHAIN MHC CLASS II MOLECULES INDUCE T CELL ACTIVATION AND APOPTOSIS", JOURNAL OF IMMUNOLOGY, THE WILLIAMS AND WILKINS CO. BALTIMORE, US, vol. 157, no. 11, 1996, pages 4885 - 4891, XP000652225, ISSN: 0022-1767
- [Y] CASARES ET AL: "ENGINEERING AND CHARACTERIZATION OF A MURINE MHC CLASS II-IMMUNOGLOBULIN CHIMERA EXPRESSING AN IMMUNODOMINANT CD4 T VIRAL EPITOPE", PROTEIN ENGINEERING, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 10, no. 11, 1997, pages 1295 - 1301, XP002097124, ISSN: 0269-2139
- [Y] GREER J M ET AL: "Immunogenic and encephalitogenic epitope clusters of myelin proteolipid protein.", JOURNAL OF IMMUNOLOGY (BALTIMORE, MD. : 1950) 1 JAN 1996, vol. 156, no. 1, 1 January 1996 (1996-01-01), pages 371 - 379, XP002304260, ISSN: 0022-1767
- See references of WO 0170245A1

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 0170245 A1 20010927**; **WO 0170245 A9 20021219**; AU 6100501 A 20011003; CA 2403432 A1 20010927; EP 1307211 A1 20030507; EP 1307211 A4 20050105

DOCDB simple family (application)  
**US 0109616 W 20010322**; AU 6100501 A 20010322; CA 2403432 A 20010322; EP 01934857 A 20010322