PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

9906204-4
IPOS

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
C07K 14/705, C12N 15/12

A1

(11) International Publication Number: WO 99/02562

(43) International Publication Date: 21 January 1999 (21.01.99)

(21) International Application Number: PCT/US98/13436

(22) International Filing Date: 8 July 1998 (08.07.98)

(30) Priority Data:
60/053,080 9 July 1997 (09.07.97) US

(71) Applicant: SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033–0530 (US).

(72) Inventors: VALLADEAU, Jenny; 144, avenue des Frères Lumière, F–69008 Lyon (FR). RAVEL, Odile; 43, rue des Granges, F–69005 Lyon (FR). BATES, Elizabeth, Esther, Mary; 13, rue Terme, F–69001 Lyon (FR). FORD, John; 1380 Oak Creek Drive #402, Palo Alto, CA 94304 (US). SAELAND, Sem; 6, rue Soeurs Bouvier, F–69005 Lyon (FR). LEBECQUE, Serge, J., E.; 514, chemin du Marand, F–69380 Civrieux d'Azergue (FR).

(74) Agents: McLAUGHLIN, Jaye, P. et al.; Schering–Plough Corporation, Patent Dept., K–6–1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033–0530 (US).

(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: ISOLATED DENDRITIC CELL MEMBRANE PROTEIN GENES

(57) Abstract

Nucleic acids encoding various lymphocyte cell proteins from mammalian, including primate, reagents related thereto, including specific antibodies, and purified proteins are described. Methods of using said reagents and related diagnostic kits are also provided. The proteins are dendritic cell membrane proteins (DCMP) having similarity with lectins and asialoghycoprotein receptors.