9910 2663-5
IPOR FORM

**PCT** WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07K 14/00 — A2

(11) International Publication Number: **WO 98/25958**

(43) International Publication Date: 18 June 1998 (18.06.98)

(21) International Application Number: PCT/US97/22766

(22) International Filing Date: 12 December 1997 (12.12.97)

(30) Priority Data:
60/032,846 13 December 1996 (13.12.96) US

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

(72) Inventors: GORMAN, Daniel, M.; 6371 Central Avenue, Newark, CA 94560 (US). MATTSON, Jeanine, D.; 559 Alvarado Street, San Francisco, CA 94114 (US).

(74) Agents: THAMPOE, Immac, J. 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, GW, 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, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

**Published**
*Without international search report and to be republished upon receipt of that report.*

(54) Title: MAMMALIAN CELL SURFACE ANTIGENS; RELATED REAGENTS

(57) Abstract

Purified genes encoding a T cell surface antigen from a mammal, reagents related thereto including purified proteins, specific antibodies, and nucleic acids encoding this antigen are provided. Methods of using said reagents and diagnostic kits are also provided.