(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
13 July 2006 (13.07.2006)

PCT

(10) International Publication Number
WO 2006/074397 A3

(51) International Patent Classification:
C07K 16/30 (2006.01) *C12N 5/10* (2006.01)
C07K 16/46 (2006.01) *A61K 39/395* (2006.01)
A61K 47/48 (2006.01) *A61P 35/00* (2006.01)
C12N 15/13 (2006.01) *A61K 31/00* (2006.01)
C12N 15/85 (2006.01)

(21) International Application Number:
PCT/US2006/000502

(22) International Filing Date: 5 January 2006 (05.01.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/641,691 5 January 2005 (05.01.2005) US

(71) Applicant *(for all designated States except US)*: **BIOGEN IDEC MA INC.** [US/US]; 14 Cambridge Center, Cambridge, Massachusetts 02142 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **GLASER, Scott** [US/US]; 4649 Granger Street, San Diego, California 92107 (US). **VAN VLIJMEN, Herman** [NL/US]; 56 Craigie Street, Somerville, Massachusetts 02143 (US). **LUGOVSKOY, Alexey Alexandrovich** [RU/US]; 24 Center Street, Woburn, Massachusetts 01801 (US). **SANICOLA-NADEL, Michele** [US/US]; 4 Maple Road, Winchester, Massachusetts 01890 (US). **WU, Xiufeng** [US/US]; 12312 Briardale Way, San Diego, California 92128 (US). **GARBER, Ellen** [US/US]; 14 Donnell Street, Cambridge, Massachusetts 02138-1352 (US).

(74) Agents: **WILLIAMS, Megan E.** et al.; Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) Date of publication of the international search report:
28 December 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CRIPTO BINDING MOLECULES

(57) Abstract: Humanized forms of an anti-CRIPTO antibody and portions thereof. In one embodiment, the variable regions of these antibodies or polypeptides comprising them (e.g., full-length antibodies or domain deleted antibodies) can be used to treat disorders, such as cancer.

WO 2006/074397 A3