



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C12N 15/19, C07K 14/52, C12N 15/62, 15/85, C07K 16/24, C12Q 1/68, G01N 33/68, A61K 38/19	A2	(11) International Publication Number: WO 00/53761 (43) International Publication Date: 14 September 2000 (14.09.00)
(21) International Application Number: PCT/US00/06067 (22) International Filing Date: 9 March 2000 (09.03.00) (30) Priority Data: 09/264,908 9 March 1999 (09.03.99) US 09/265,992 11 March 1999 (11.03.99) US 60/142,013 1 July 1999 (01.07.99) US (71) Applicant: ZYMOGENETICS, INC. [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US). (72) Inventors: NOVAK, Julia, E.; 10699 Battle Point Drive Northeast, Bainbridge Island, WA 98110 (US). PRESNELL, Scott, R.; 2902 N. Puget Sound Avenue, Tacoma, WA 98407 (US). SPRECHER, Cindy, A.; 8207 39th Avenue Northeast, Seattle, WA 98115 (US). FOSTER, Donald, C.; 3002 Northeast 181st Street, Lake Forest Park, WA 98155 (US). HOLLY, Richard, D.; 12539 10th Avenue Northwest, Seattle, WA 98177 (US). GROSS, Jane, A.; 2809 Northeast 60th, Seattle, WA 98115 (US). JOHNSTON, Janet, V.; 3259 Northwest 57th Street, Seattle, WA 98107 (US). NELSON, Andrew, J.; 1829 Northeast 170th Street, Shoreline, WA 98155 (US). DILLON, Stacey, R.; 268 Northeast 42nd Street #2, Seattle, WA 98105 (US). HAMMOND, An-		gela, K.; 195 Southwest Clark Street #E-2, Issaquah, WA 98027 (US). (74) Agent: SAWISLAK, Deborah, A.; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, 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 <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: NOVEL CYTOKINE ZALPHA11 LIGAND (57) Abstract The present invention relates to zalpha11 Ligand polynucleotide and polypeptide molecules. The zalpha11 Ligand is a novel cytokine. The polypeptides may be used within methods for stimulating the proliferation and/or development of hematopoietic cells <i>in vitro</i> and <i>in vivo</i>. The present invention also includes methods for producing the protein, uses therefor and antibodies thereto.		