SG 9612178-5

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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G01N 33/38, C12P 21/08, C07K 16/22 — A2

(11) International Publication Number: WO 96/01425

(43) International Publication Date: 18 January 1996 (18.01.96)

(21) International Application Number: PCT/GB95/01567

(22) International Filing Date: 3 July 1995 (03.07.95)

(30) Priority Data:
9413327.9 1 July 1994 (01.07.94) GB

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(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, MW, SD, SZ, UG).

Published

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

(54) Title: ASSAY FOR INHIBITORS OF DP-1 AND OTHER DP PROTEINS

(57) Abstract

The protein DP-1, part of the DP-1/E2F-1 transcription factor complex, as well as DP-2 and DP-3 has its phosphorylation level regulated during cell cycle progression. This finding allows assays to be based on changes in phosphorylation of DP proteins, in particular for agents which may affect the phosphorylation state of DP. DP-1 has been found to have a greater affinity to DNA when in a hypophosphorylated state. Also disclosed are antibodies that recognise phosphorylation sites on DP-1.

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