

Title (en)  
CYCLIN-DEPENDENT PROTEIN KINASE

Title (de)  
CYCLIN-ABHÄNGIGE PROTEINKINASE

Title (fr)  
PROTEINE KINASE CYCLINO-DEPENDANTE

Publication  
**EP 0972011 A4 20030416 (EN)**

Application  
**EP 98906202 A 19980206**

Priority  
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• US 3785597 P 19970207

Abstract (en)  
[origin: WO9835015A1] An isolated nucleic acid molecule is disclosed which encodes a novel human cyclin-dependent kinase (CDK) which comprises a novel cyclin binding domain signature sequence and lacks several heretofore conserved amino acid residues involved in regulation of the cdk/cyclin complex. Associated proteins and biologically active mutant forms are also disclosed.

IPC 1-7  
**C12N 1/00**; **C12N 5/10**; **C12N 9/12**; **C12N 15/54**; **C12N 15/63**; **C07K 16/40**

IPC 8 full level  
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CPC (source: EP)  
**C12N 9/1205** (2013.01); **C12N 2799/026** (2013.01)

Citation (search report)  
• [Y] DATABASE EMBL [online] EBI; 1 July 1995 (1995-07-01), XP002229224, Database accession no. H17727  
• [Y] MEYERSON M ET AL: "A family of human cdc2-related protein kinases", EMBO JOURNAL, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 11, no. 8, x66362, 1992, pages 2909 - 2917, XP002128265, ISSN: 0261-4189 & DATABASE EMBL [online] EBI; 3 May 1993 (1993-05-03), XP002229247, Database accession no. x66362 & DATABASE EMBL [online] EBI; 15 June 1992 (1992-06-15), XP002229248, Database accession no. x66357  
• [Y] GRANA X ET AL: "PITALRE, A NUCLEAR CDC2-RELATED PROTEIN KINASE THAT PHOSPHORYLATES THE RETINOBLASTOMA PROTEIN IN VITRO", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 91, April 1994 (1994-04-01), pages 3834 - 3838, XP000919000, ISSN: 0027-8424  
• [A] DATABASE SWISS-PROT [online] EBI; 1 April 1993 (1993-04-01), XP002229225, Database accession no. P29620 & HATA S.: "complementary DNA cloning of a novel CDC2-positive -CDC28-related protein kinase from rice", FEBS (FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES) LETTERS, vol. 279, no. 1, 1991, pages 149 - 152, XP002229244  
• See references of WO 9835015A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

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DOCDB simple family (application)  
**US 9802337 W 19980206**; CA 2280206 A 19980206; EP 98906202 A 19980206; JP 53492298 A 19980206