

Title (en)  
PROTEIN KINASE C ENZYMES

Publication  
**EP 0317574 A4 19901128 (EN)**

Application  
**EP 87905541 A 19870813**

Priority  
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Abstract (en)  
[origin: WO8801303A1] A novel family of cDNA sequences which encode protein kinase C enzyme. Such sequences are employed in a simple binding assay to assess the tumor promoting activity of various compounds.

IPC 1-7  
**C12Q 1/68; C12P 21/00; C12P 21/02; C12N 9/12; C12N 7/00; C07H 15/12**

IPC 8 full level  
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CPC (source: EP)  
**C12N 9/12** (2013.01); **G01N 33/574** (2013.01); **G01N 2333/912** (2013.01)

Citation (search report)

- [E] EP 0251244 A2 19880107 - TAKEDA CHEMICAL INDUSTRIES LTD [JP]
- JOURNAL OF CELLULAR BIOCHEMISTRY, suppl. 10C, 1986, UCLA SYMPOSIA ON MOLECULAR & CELLULAR BIOLOGY, ABSTRACTS, 15TH ANNUAL MEETINGS, 30th March - 12th April 1986, (SYMPOSIUM ON GROWTH, FACTORS, TUMOR PROMOTERS AND CANCER GENES held at THE 15TH ANNUAL MEETING OF THE UCLA SYMPOSIUM ON MOLECULAR AND CELLULAR BIOLOGY, 6th - 13th April 1986), page 132, L95, A.R. Liss, Inc., New York, US; G.M. HOUSEY et al.: "Isolation and nucleotide sequence analysis of cDNA clones from rat brain using oligonucleotide probes to protein kinase C and protein kinase A", \* The whole article \*
- FEBS LETTERS, vol. 203, no. 2, July 1986, pages 111-115, Elsevier Science Publishers B.V. (Biochemical Division), Amsterdam, NL; Y. ONO et al.: "Cloning of rat brain protein kinase C complementary DNA", \* Figure 2; page 114, column 2 \*
- BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 121, no. 2, 15th June 1984, pages 448-455, Academic Press, Inc., New York, US; A. COUTURIER et al.: "Further characterization of tumor-promoter-mediated activation of protein kinase C", \* Figure 1 \*
- SCIENCE, vol. 233, 18th July 1986, pages 305-312, Washington, DC, US; Y. NISHIZUKA: "Studies and perspectives of protein kinase C"
- COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY, vol. LI, 30th December 1986, pages 713-724, Cold Spring Harbor Laboratory, New York, US; A. ULLRICH et al.: "Protein kinases in cellular signal transduction: Tyrosine kinase growth factor receptors and protein kinase C"
- FEBS LETTERS, vol. 206, no. 2, October 1986, pages 347-352, Federation of European Biochemical Societies, Amsterdam, NL; Y. ONO et al.: "Two types of complementary DNAs of rat brain protein kinase C"
- See references of WO 8801303A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 8801303 A1 19880225**; AU 7851387 A 19880308; EP 0317574 A1 19890531; EP 0317574 A4 19901128; JP H02500243 A 19900201

DOCDB simple family (application)  
**US 8702005 W 19870813**; AU 7851387 A 19870813; EP 87905541 A 19870813; JP 50507887 A 19870813