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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: CEREBELLIN HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF

(57) Abstract: The present invention provides nucleic acid sequences encoding novel human cerebellin-like protein. These novel nucleic acids are useful for constructing the claimed DNA vectors and host cells of the invention and for preparing the claimed recombinant proteins and antibodies.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/12 C12N15/62 C12N15/86 C07K14/47 C07K16/18
G01N33/50 A61K38/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K G01N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, CAB Data, SEQUENCE SEARCH, BIOSIS, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 12708 A (BAKER KEVIN ;GENENTECH INC (US); GODDARD AUDREY (US); GURNEY AUSTI) 9 March 2000 (2000-03-09) SEQ ID Nos. 219 and 220; claims 1-27 -& DATABASE GENSEQ DATABASE [Online] NCBI, US; 8 August 2000 (2000-08-08) K. BAKER ET AL.: "Human PR01382 (UNQ718) amino acid sequence SEQ ID No. 220, cDNA sequence SEQ ID NO. 219;" XP002195399 Genseq Acession nos. AAY99402 and AAA37084; abstract --- -/--	5-16, 27-29

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

8 April 2002

Date of mailing of the international search report

23.04.2002

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 00 78961 A (FERRARA NAPOLEONE ; STEWART TIMOTHY A (US); WILLIAMS P MICKEY (US);) 28 December 2000 (2000-12-28) SEQ ID Nos.63; claims 1-27 -& DATABASE GENSEQ DATABASE [Online] NCBI, US; 2 April 2001 (2001-04-02) K. BAKER ET AL.: "Protein and DNA of the invention #63" XP002195400 Sequence Accession nos. AAB66151 and AAF54358; abstract	5-16, 27-29
E	WO 01 85767 A (MACDOUGALL JOHN R ; SPADERNA STEVEN K (US); SPYTEK KIMBERLY A (US);) 15 November 2001 (2001-11-15) page 40, line 12 -page 44, line 14; claims 1-41; tables 11A-11D -& DATABASE GENSEQ DATABASE [Online] NCBI, US; 26 March 2002 (2002-03-26) KA SPYTEK ET AL.: "Human cerebellin-like protein POLY10" XP002195401 Sequence Accession nos. AAE16346 and AAD26579; abstract	5-16, 27-29
A	WO 99 42576 A (SMITHKLINE BEECHAM PLC) 26 August 1999 (1999-08-26) cited in the application the whole document	
A	URADE Y ET AL: "Precerebellin is a cerebellum-specific protein with similarity to the globular domain of complement C1q B chain" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 88, 1 February 1991 (1991-02-01), pages 1069-1073, XP002096546 ISSN: 0027-8424 cited in the application the whole document	

INTERNATIONAL SEARCH REPORT

International application No.
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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 33-partially is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☒ Claims Nos.: (30-33,35)-partially
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: (30-33,35)-partially

Present claim 30-33 and 35 relate to agonists and antagonists to LP232 respectively to a method of treating neurological disorders using an agent that modulates the activity or expression of said LP232 polypeptide without giving a true technical characterization. Moreover no such compounds are defined in the application. In consequence, the scope of said claims is ambiguous and vague, and their subject-matter is not sufficiently disclosed and supported (Art. 5 and 6 PCT). No search can be carried out for such purely speculative claims whose wording is, in fact, a mere recitation of the results to be achieved.

Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely those parts relating to antibodies, antisense molecules, ribozymes, triple helix molecules, polypeptides and nucleic acids, the structure of which can be directly derived from SEQ ID Nos. 1 and 2.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Information on patent family members

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