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**WO 00/52151 A3**

(54) Title: HUMAN SECRETORY PROTEINS

(57) Abstract: The invention provides human secretory proteins (HSECP) and polynucleotides which identify and encode HSECP. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of HSECP.

# INTERNATIONAL SEARCH REPORT

International Application No PCT/US 00/05621
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<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC 7 C12N15/00 C07K14/47 G01N33/53		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N		
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)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	WO 99 22243 A (ENDRESS GREGORY A ;FLORENCE KIMBERLY A (US); HUMAN GENOME SCIENCES) 6 May 1999 (1999-05-06) abstract page 101 -page 102 Seq.Id.No.215	1-23
A	--- SHIROZU M ET AL: "CHARACTERIZATION OF NOVEL SECRETED AND MEMBRANE PROTEINS ISOLATED BY THE SIGNAL SEQUENCE TRAP METHOD" GENOMICS,US,ACADEMIC PRESS, SAN DIEGO, vol. 37, no. 3, 1 November 1996 (1996-11-01), pages 273-280, XP002054773 ISSN: 0888-7543 the whole document --- -/--	1-23
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Patent family members are listed in annex.</span>		
° 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	Date of mailing of the international search report	
1 September 2000	05. 1. 01	
Name and mailing address of the ISA	Authorized officer	
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Panzica, G	

# INTERNATIONAL SEARCH REPORT

International Application No PCT/US 00/05621
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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.
A	JACOBS K A ET AL: "A genetic selection for isolating cDNAs encoding secreted proteins" GENE: AN INTERNATIONAL JOURNAL ON GENES AND GENOMES,GB,ELSEVIER SCIENCE PUBLISHERS, BARKING, vol. 198, no. 1-2, 1 October 1997 (1997-10-01), pages 289-296, XP004116069 ISSN: 0378-1119 the whole document	1-23
A	--- WO 98 30696 A (GENETICS INST) 16 July 1998 (1998-07-16) the whole document	1-23
A	--- WO 98 32853 A (GENETICS INST) 30 July 1998 (1998-07-30) abstract	1-23
A	--- WO 98 40486 A (GENETICS INST) 17 September 1998 (1998-09-17) abstract -----	1-23

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 00/05621

## 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 claims 16, 19 and 22 are 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.:  
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:
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.:

1-23 (PARTIALLY)

### 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

1. Claims: 1-23 (partially)

An isolated polypeptide having sequence as set forth in Seq.Id.No.1 of the sequence listing and its nucleic acid sequence as set forth in Seq.Id.No.23. Methods of production and uses thereof.

2. Claims: 1-23 (partially)

Inventions 2-22:

Same as for invention no.1 but respectively to each following pair of aminoacid sequences with their respective nucleic acid sequences:

Invention 2: Seq.Id.Nos.2 and 24.

Invention 3: Seq.Id.Nos.3 and 25.

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Invention 22: Seq.Id Nos.22 and 44.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/05621

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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