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(21) International Application Number: PCT/EP98/03220 (22) International Filing Date: 29 May 1998 (29.05.98) (30) Priority Data: 97108712.7 30 May 1997 (30.05.97) EP <i>(34) Countries for which the regional or international application was filed:</i> DE et al. (71)(72) Applicants and Inventors: WINNACKER, Ernst-Ludwig [DE/DE]; Dall'Armistrasse 41a, D-80638 München (DE). WEISS, Stefan [DE/DE]; Blütenstrasse 20, D-80799 München (DE). (72) Inventors; and (75) Inventors/Applicants (for US only): EDENHOFER, Frank [DE/DE]; Bernd-Alois-Zimmermann-Strasse 2, D-50374 Erfstadt (DE). RIEGER, Roman [DE/DE]; Römerstrasse 43, D-82362 Weilheim (DE). (74) Agent: VOSSIUS & PARTNER; P.O. Box 86 07 67, D-81634 München (DE).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, 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). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 14 May 1999 (14.05.99)	

(54) Title: A SOLUBLE LAMININ RECEPTOR PRECURSOR AND METHODS TO INHIBIT ITS INTERACTIONS

(57) Abstract

The present invention relates to pharmaceutical compositions comprising a soluble laminin receptor precursor (LRP) or a modification thereof. The present invention also relates to pharmaceutical compositions comprising a compound which blocks the interaction of LRP and PrPs^c or PrPs^{sc}. Said compositions allow the treatment of diseases associated with the presence of PrPs^c. In addition, the present invention provides an expression vector for the recombinant production of LRP or any other kind of protein in the baculovirus system.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 98/03220

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C07K14/705 C12N15/11 C07K16/28 A61K38/00

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 6 C07K

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 180 809 A (RUOSLAHTI ERKKI I ET AL) 19 January 1993	3,4
A	see abstract	1,2

X	WO 93 11155 A (PROTEUS MOLECULAR DESIGN) 10 June 1993	3,4
A	see abstract see page 1, line 5 - page 4, line 20	1,2,6-10

A,P	RIEGER R. ETAL.: "The human 37-kDa laminin receptor precursor interacts with the prion protein in eukaryotic cells" NAT MED, vol. 3, no. 12, December 1997, pages 1383-1388, XP002094757 US see the whole document	1-11

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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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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, P	WO 97 45746 A (UNIV MCGILL) 4 December 1997 see abstract see page 3, line 20 - page 4, line 27 -----	1-3

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Information on patent family members

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