

Title (en)
RHAMNOSE BINDING PROTEIN

Title (de)
RHAMNOSEBINDUNGS PROTEIN

Title (fr)
PROTEINE FIXANT LE RHAMNOSE

Publication
EP 1472287 A4 20051005 (EN)

Application
EP 03700718 A 20030207

Priority
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• AU PS036402 A 20020207

Abstract (en)
[origin: WO03066679A1] An isolated RBP with at least one of the following characteristics: a a molecular weight of approximately 65-70 kDa and more preferably 66-69kDa b a pl of greater than 10 or less than 3 c a dissociation constant of approximately 1.5×10^{-6} when bound to the rhamnose moiety of solamargine d adapted to bind to a rhamnose affinity column prepared according to example 1 and under the conditions set out therein e adapted to be eluted from the column in example 1 with a 100mM rhamnose solution f insoluble in aqueous solution and g soluble in highly denaturing buffers containing greater than approximately 2% surfactant.

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C07K 14/705; C07K 16/30; G01N 33/574; A61K 38/17; A61K 39/395; A61P 35/00

IPC 8 full level
G01N 33/50 (2006.01); **A61K 31/282** (2006.01); **A61K 31/4745** (2006.01); **A61K 31/475** (2006.01); **A61K 31/513** (2006.01); **A61K 31/519** (2006.01); **A61K 31/57** (2006.01); **A61K 31/704** (2006.01); **A61K 31/7048** (2006.01); **A61K 31/7068** (2006.01); **A61K 33/24** (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 45/06** (2006.01); **A61P 35/00** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C07K 16/18** (2006.01); **G01N 33/15** (2006.01); **G01N 33/574** (2006.01)

CPC (source: EP)
A61P 35/00 (2017.12); **C07K 14/705** (2013.01); **G01N 33/57484** (2013.01); **A61K 2039/505** (2013.01)

Citation (search report)
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• [A] LIN J-Y ET AL: "ISOLATION OF ANTI TUMOR PROTEINS ABRIN A AND ABRIN B FROM ABRUS-PRECAUTORIUS", INTERNATIONAL JOURNAL OF PEPTIDE AND PROTEIN RESEARCH, vol. 12, no. 5, 1978, pages 311 - 317, XP009051887, ISSN: 0367-8377
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• See references of WO 03066679A1

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