

Title (en)  
NOVEL HYALURONAN-BINDING PROTEINS AND ENCODING GENES

Title (de)  
NEUE HYALURONAN BINDENDE PROTEINE UND KODIERENDE GENE

Title (fr)  
NOUVELLE PROTEINE DE FIXATION D'HYALURONAN ET GENES CODANTS

Publication  
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Application  
**EP 99964307 A 19991220**

Priority  
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Abstract (en)  
[origin: WO0039166A1] The present invention relates to full-length WF-HABP, WF-HABP, OE-HABP, and BM-HABP, novel members of the hyaluronan receptor family. The invention provides isolated nucleic acid molecules encoding human to full-length WF-HABP, WF-HABP, OE-HABP, and BM-HABP receptors. Full-length WF-HABP, WF-HABP, OE-HABP, and BM-HABP polypeptides are also provided, as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of full-length WF-HABP, WF-HABP, OE-HABP, and BM-HABP receptor activity. Also provided are diagnostic methods for detecting disease states related to the aberrant expression of full-length WF-HABP, WF-HABP, OE-HABP, and BM-HABP receptors. Further provided are therapeutic methods for treating disease states including, but not limited to, proliferative conditions, metastasis, inflammation, ischemia, host defense dysfunction, immune surveillance dysfunction, arthritis, multiple sclerosis, autoimmunity, immune dysfunction, and allergy.

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**C07K 14/705** (2006.01)

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Citation (search report)  
• [PX] WO 9907891 A1 19990218 - HUMAN GENOME SCIENCES INC [US], et al  
• [X] DATABASE EMBL [online] EBI; 9 November 1996 (1996-11-09), OHARA ET AL: "Homo sapiens mRNA for KIAA0246 protein", XP002235456, retrieved from EMBL Database accession no. D87433  
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• [PX] DATABASE EMBL [online] EBI; 9 September 1999 (1999-09-09), STRAUSBERG ET AL: "Homo sapiens cDAN clone", XP002235458, retrieved from EMBL Database accession no. AW003062  
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• [PX] DATABASE EMBL [online] EBI; 26 August 1999 (1999-08-26), STRAUSBERG ET AL: "Homo sapiens cDNA clone", XP002235460, retrieved from EMBL Database accession no. AI970963  
• See references of WO 0039166A1

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