

Title (en)
METHOD AND CONSTRUCT FOR INHIBITION OF CELL MIGRATION

Title (de)
VERFAHREN UND VEKTOR ZUR HEMMUNG DER ZELL-MIGRATION

Title (fr)
PROCEDE ET CONSTRUCTION POUVANT INHIBER UNE MIGRATION CELLULAIRE

Publication
EP 0981606 A2 20000301 (EN)

Application
EP 98923197 A 19980511

Priority
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Abstract (en)
[origin: WO9851788A2] A recombinant nucleic acid molecule comprising a vector useful for transfection or transduction of mammalian cells, wherein said vector contains a nucleic acid insertion encoding an expressible hybrid polypeptide or protein which comprises a domain with a binding function and a domain with an effector function. The domain with a binding function may comprise a receptor binding domain, and the domain with an effector function may have enzymatic activity, in particular protease inhibitor activity. The vector may be a viral (e.g. adenovirus or retrovirus) or non-viral vector useful for transfection or transduction of mammalian cells. The nucleic acid insertion encoding an expressible hybrid polypeptide or protein may be under the control of a cell- or tissue-specific promoter. A process for preventing local proteolytic activity, extracellular matrix degradation, cell migration, cell invasion, or tissue remodeling, comprising transfecting or transducing the cells involved or cells in their environment with the recombinant nucleic acid molecule to obtain local expression of the hybrid polypeptide or protein encoded thereby. A process for producing the hybrid polypeptide or protein by transfecting or transducing mammalian cells with the recombinant nucleic acid molecule to obtain expression and optionally recovering the hybrid polypeptide or protein produced.

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IPC 8 full level
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