

Title (en)

HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND cDNAs ENCODING THESE PROTEINS

Title (de)

MENSCHLICHE PROTEINE MIT TRANSMEMBRANEN DOMÄNEN UND DAFÜR KODIERENDE DNS

Title (fr)

PROTEINES HUMAINES COMPORTANT DES DOMAINES TRANSMEMBRANAIRES ET ADN CODANT CES PROTEINES

Publication

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Application

EP 98945603 A 19981005

Priority

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Abstract (en)

[origin: WO9918203A2] The invention provides human proteins having transmembrane domains and cDNAs coding for these proteins as well as eukaryotic cells expressing said cDNAs. All of the proteins exist in the cell membrane, so that they are considered to be proteins controlling the proliferation and the differentiation of the cells. Accordingly, the proteins can be employed as pharmaceuticals such as carcinostatic agents relating to the control of the proliferation and the differentiation of the cells or as antigens for preparing antibodies against said proteins. The cDNAs can be utilized as probes for the gene diagnosis and gene sources for the gene therapy. Furthermore, the cDNAs can be utilized for large-scale expression of said proteins. Cells, wherein these membrane protein genes are introduced and membrane proteins are expressed in large amounts, can be utilized for detection of the corresponding ligands, screening of novel low-molecular pharmaceuticals, and so on.

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