

Title (en)

HUMAN PROTEINS HAVING SECRETORY SIGNAL SEQUENCES AND cDNAS ENCODING THESE PROTEINS

Title (de)

MENSCHLICHE PROTEINE MIT SEKRETIONSSIGNALSEQUENZ UND DAFÜR KODIERENDE CDNAS

Title (fr)

PROTEINES HUMAINES COMPORTANT DES SEQUENCES DE SIGNAUX SECRETOIRES ET ADNc CODANT CES PROTEINES

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Application

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Abstract (en)

[origin: WO9918204A2] The invention provides human proteins having secretory signal sequences and DNAs coding for these proteins as well as eucaryotic cells forming said proteins by secretory expression. All of the proteins are secreted outside the cells and exist in the extracellular liquid or on 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 or as antigens for preparing antibodies against said proteins. Furthermore, said DNAs can be utilized for expression of said proteins in large amounts. Eucaryotic cells wherein expression vectors of said cDNAs are introduced can be utilized for secretory production of the proteins encoded by said cDNAs.

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