

Title (en)
VIRAL PARTICLES WHICH ARE MASKED OR UNMASKED WITH RESPECT TO A CELL RECEPTOR

Title (de)
GEGENÜBER DEM ZELLREZEPTOR MASKIERTE ODER NICHT-MASKIERTE VIRENPARTIKELN

Title (fr)
PARTICULES VIRALES MASQUEES OU DEMASQUEES VIS-A-VIS DU RECEPTEUR CELLULAIRE

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Application
EP 97925095 A 19970516

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Abstract (en)
[origin: WO9744474A2] The invention features the use of a peptide for transferring genes in a eukaryotic target cell, which peptide has about 10 to about 200, in particular about 15 to about 150 amino acids, and advantageously about 20 amino acids, in which 30 % at least of the amino acids are constituted by proline radicals, which proline radicals are regularly arranged so as to induce polypeptide chain turnings at about 180 DEG ("beta - turn" or "reverse-turn"), these turns being regularly spaced and gathering in a polyproline beta -turn helix, in a polypeptide construction containing, on the said peptide N-terminal side (upstream), an N-terminal (upstream) proteinic domain capable of recognising a targeted surface molecule or an antigen expressed on a cellular surface, in particular an appropriate receptor (targeted receptor) located on the said eukaryotic cell, and on the said peptide C-terminal side (downstream), a C-terminal (downstream) protein domain capable of recognising an appropriate receptor (auxiliary receptor) located on the said eukaryotic cell, which peptide is capable of facilitating or inhibiting interaction between the C-terminal (downstream) protein domain and the auxiliary receptor, the inhibition of this interaction taking place so long as the N-terminal (upstream) protein domain has not interacted with the targeted receptor, and the facilitating of the interaction between the C-terminal (downstream) protein domain and the auxiliary receptor taking place when the N-terminal (upstream) protein domain has interacted with the targeted receptor.

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