

Title (en)  
FUNCTIONAL MODIFIED HSV1-TK

Title (de)  
FUNKTIONELLE MODIFIZIERTE HSV1-TK

Title (fr)  
HSV1-TK MODIFIEE FONCTIONNELLE

Publication  
**EP 0777736 A1 19970611 (FR)**

Application  
**EP 95927796 A 19950817**

Priority  
• FR 9501098 W 19950817  
• FR 9410298 A 19940825

Abstract (en)  
[origin: WO9606176A1] Recombinant vector carrying a gene coding for a promotor-dependent kinase and capable, when expressed in the cells transformed by the vector, of bringing out the phosphorylation of nucleoside analogues such as aciclovir or ganciclovir leading to the death of the cell by blocking the replication process. The recombinant vector is characterized in that the kinase-coding gene is the thymidine kinase gene of type 1 herpes simplex virus (HSV1-TK) deleted in the 5' portion of all or part of the sequence upstream from the second ATG initiation codon corresponding to the methionine 46 of the complete protein.

IPC 1-7  
**C12N 15/57**; **C12N 15/86**; **C12N 5/10**; **C12N 9/12**; **C07K 14/035**; **A61K 48/00**

IPC 8 full level  
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CPC (source: EP US)  
**A61K 38/45** (2013.01 - EP US); **A61P 35/00** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **C07K 14/005** (2013.01 - EP US); **C12N 9/12** (2013.01 - EP US); **C12N 15/86** (2013.01 - EP US); **A61K 48/00** (2013.01 - EP US); **C12N 2710/16622** (2013.01 - EP US); **C12N 2740/16043** (2013.01 - EP US)

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