

Title (en)
IMMUNOGENIC HBc CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL CYSTEINE

Title (de)
MIT EINEM N-TERMINALEN CYSTEIN STABILISIERTE IMMUNOGENE HBc-CHIMÄRE-PARTIKEL

Title (fr)
PARTICULES CHIMERIQUES HBC IMMUNOGENES STABILISEES AVEC UNE CYSTEINE D'EXTREMITE N-TERMINALE

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Application
EP 03709214 A 20030221

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Abstract (en)
[origin: WO03102165A2] A chimeric, carboxy-terminal truncated hepatitis B virus nucleocapsid protein (HBc) is disclosed that is engineered for both enhanced stability of self-assembled particles and the display of an immunogenic B cell or T cell epitope, or both, such as a B cell epitope polypeptide of the influenza M2 protein and a T cell epitope of the influenza NP protein. An immunogenic epitope is peptide-bonded to one or more of the N-terminus, in the immunogenic loop or at the C-terminus of HBc, whereas the enhanced stability of self-assembled particles is obtained by the presence of at least one heterologous cysteine residue near the amino-terminus of the chimera molecule. Methods of making and using the chimeras are also disclosed.

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Citation (search report)
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• See references of WO 03102165A2

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