

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

Publication

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Application

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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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IPC 8 full level

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