

Title (en)
STABILIZATION OF POLYNUCLEOTIDE COMPLEXES

Title (de)
STABILISIERUNG VON POLYNUKLEOTIDKOMPLEXEN

Title (fr)
STABILISATION DE COMPLEXES DE POLYNUCLEOTIDES

Publication
EP 0833667 A1 19980408 (EN)

Application
EP 96916714 A 19960528

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Abstract (en)
[origin: WO9640265A1] Polynucleotide complexes are stabilized by adding a cryoprotectant compound and lyophilizing the resulting formulation. Cryoprotectant compounds comprise carbohydrates, preferably lactose and sucrose, but also glucose, maltodextrins, mannitol, sorbitol, trehalose, and others. Betaines prolines, and other amino acids may also be useful. Preferably, DNA complexes are cryoprotected with lactose at concentrations of about 1.25 % to about 10 % (w/vol). Conventional buffers may also be added to the mixture. The lyophilized formulations may be stored for extended periods of time and then rehydrated prior to use.

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