

Title (en)

SYNTHETIC IgE MEMBRANE ANCHOR PEPTIDE IMMUNOGENS FOR THE TREATMENT OF ALLERGY

Title (de)

SYNTHETISCHE MEMBRANANKER-PEPTIDIMMUNOGENE GEGEN IGE FÜR DIE BEHANDLUNG DER ALLERGIE

Title (fr)

IMMUNOGENES PEPTIDIQUES SYNTHETIQUES DU DOMAINE D'ANCRAGE DE LA MEMBRANE DE L'IGE

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Application

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Priority

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Abstract (en)

[origin: WO9612740A1] The present invention relates to a method for eliciting the production in healthy mammals, including humans, of high titer antibodies specific for sites on the extracellular segment of the anchor domain of the membrane-bound epsilon heavy chain of B cell-expressed human IgE by the use of a composition comprising a synthetic peptide immunogen containing extracellular membrane anchor sites, to reduce IgE-secreting B leukocytes and allergen-induced IgE production. It also relates to the use of optimally designed, carrier protein free, IgE epsilon - chain related immunogens as key components in a synthetic vaccine to provide an immunotherapy for the treatment of allergy. The subject peptides contain immune stimulator sequences, including a tandemly linked helper T cell epitope, to aid in stimulating the immune response towards the mIgE membrane anchor domain.

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