

Title (en)

IMMUNOMODULATORY HUMAN MHC CLASS II ANTIGEN-BINDING POLYPEPTIDES

Title (de)

ANTIGEN BINDENDE POLYPEPTIDE ZUR IMMUNMODULATION DES MENSCHLICHEN MHC KLASSE IIKOMPLEXES

Title (fr)

POLYPEPTIDES IMMUNOMODULATEURS SE LIANT A L'ANTIGENE HUMAIN MHC DE CLASSE II

Publication

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Application

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Abstract (en)

[origin: EP1156062A1] The present invention relates to human peptides/proteins comprising at least one antibody-based antigen-binding domain of human composition with a binding specificity for a human MHC class II antigen, wherein binding of said peptide/protein to said antigen expressed on the surface of a cell causes or leads to modulation of the immune system. The invention further relates to nucleic acids encoding said peptides/proteins, methods for production, immunosuppression, pharmaceutical and diagnostic compositions or kits comprising the peptides/proteins and uses of the peptides/proteins.

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Cited by

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