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Gp100:614-622 Peptide

National Cancer Institute

Source

National Cancer Institute. *gp100:614-622 Peptide*. NCI Thesaurus. Code C48631.

A synthetic peptide consisting of amino acid residues 614 through 622 of the melanoma-melanocyte antigen glycoprotein 100 (gp100). Vaccination with gp100:614-622 peptide may stimulate a cytotoxic T-cell immune response against tumor cells that express this antigen, resulting in decreased tumor growth and cell lysis. gp100 antigen is a self-antigen expressed by melanocytes, pigmented retinal cells and most melanoma lesions and recognized via class I and II HLA-restricted mechanisms.