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MAGE-3.A1 Peptide Vaccine

National Cancer Institute

Source

National Cancer Institute. *MAGE-3.A1 Peptide Vaccine*. NCI Thesaurus. Code C48632.

A synthetic peptide cancer vaccine consisting of human leukocyte antigen HLA-A1-restricted peptide derived from human melanoma antigen 3 (MAGE-3) with potential immunostimulating and antineoplastic activities. Upon administration, MAGE-3.A1 peptide vaccine may stimulate the immune system to mount a cytotoxic T-cell (CTL) response against tumor cells expressing MAGE-3, resulting in tumor cell lysis. MAGE-3, a tumor-associated antigen (TAA), is overexpressed by a variety of cancer cell types.