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Synchrotope TA2M Plasmid DNA Vaccine

National Cancer Institute

Source

National Cancer Institute. *Synchrotope TA2M Plasmid DNA Vaccine*. NCI Thesaurus. Code C2650.

A recombinant plasmid DNA vaccine encoding epitopes of tyrosinase with potential antineoplastic activity. Synchrotope TA2M vaccine contains a plasmid encoding 2 epitopes, amino acid sequences 207-216 and 1-17 of tyrosinase, a protein frequently expressed by melanoma cells. Vaccination with the TA2M plasmid DNA vaccine may induce the production of anti-tyrosinase antibodies as well as elicit a cytotoxic T-lymphocyte (CTL) response against tyrosinase-expressing tumor cells, resulting in decreased tumor growth.