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Multi-epitope Anti-folate Receptor Peptide Vaccine TPIV 200

National Cancer Institute

Source

National Cancer Institute. *Multi-epitope Anti-folate Receptor Peptide Vaccine TPIV 200*.
NCI Thesaurus. Code C128898.

A peptide vaccine containing five immunogenic peptide epitopes of the human folate receptor 1 (FOLR1; FR-alpha), with potential immunomodulating and antineoplastic activities. Upon intradermal administration, multi-epitope anti-folate receptor peptide vaccine TPIV 200 may induce a cytotoxic T-lymphocyte (CTL) response against FR-alpha-overexpressing tumor cells. FR-alpha is a high-affinity folate-binding protein and a member of the folate receptor family; this receptor is overexpressed in various cancer cell types.