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# URLC10-TTK-KOC1-VEGFR1-VEGFR2 Multipeptide Vaccine

National Cancer Institute

## Source

National Cancer Institute. *URLC10-TTK-KOC1-VEGFR1-VEGFR2 Multipeptide Vaccine*. NCI Thesaurus. Code C74088.

A cancer vaccine containing five peptide epitopes with potential immunostimulatory and antitumor activity. Peptide epitopes in this vaccine are derived from: URLC10 (up-regulated lung cancer 10), TTK (TTK protein kinase), KOC1 (IGF II mRNA Binding Protein 3) and VEGFRs (vascular endothelial growth factor receptors) 1 and 2. Upon administration, URLC10-TTK-KOC1-VEGFR1-VEGFR2 multipeptide vaccine may stimulate a cytotoxic T lymphocyte (CTL) response against tumor cells expressing URLC10, TTK, KOC1, VEGFR 1 and 2 peptides, resulting in cell lysis and decreased tumor growth.