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Recombinant Tumor Necrosis Factor-Alpha

National Cancer Institute

Source

National Cancer Institute. *Recombinant Tumor Necrosis Factor-Alpha*. NCI Thesaurus. Code C913.

A recombinant therapeutic agent which is chemically identical to or similar to the endogenous cytokine tumor necrosis factor-alpha with antineoplastic properties. Tumor necrosis factor-alpha binds to and activates "death receptors" on the cell surface, resulting in apoptosis and cell death by the p53-independent extrinsic pathway. This agent also disrupts tumor vascularization. (NCI04)