

[Open Peer Review on Qeios](#)

Recombinant Vascular Endothelial Growth Factor

National Cancer Institute

Source

National Cancer Institute. *Recombinant Vascular Endothelial Growth Factor*. NCI Thesaurus. Code C1272.

A recombinant therapeutic agent which is chemically identical to or similar to endogenous vascular endothelial growth factor (VEGF). Produced by a wide variety of cell types, endogenous VEGF is a homodimeric, glycosylated protein that is a highly specific mitogen for vascular endothelial cells; significantly influences vascular permeability; appears to play a role in neovascularisation under physiological conditions; is a potent chemoattractant; has pro-coagulatory activities; and is hypoxia-inducible. Therapeutic VEGF may be used to induce angiogenesis in the treatment of ischemic conditions and may have a role in stimulating nerve regeneration. (NCI04)