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VEGF:VEGFR Complex

National Cancer Institute

Source

National Cancer Institute. *VEGF:VEGFR Complex*. NCI Thesaurus. Code C122771.

A ligand-receptor complex comprised of a homodimer of vascular endothelial growth factor (VEGF) family proteins bound to a heterodimer of vascular endothelial growth factor receptor (VEGFR) family proteins. Ligand binding triggers receptor dimerization and cross-receptor tyrosine phosphorylation, which promotes downstream signal transduction.