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PDGFR-AA

National Cancer Institute

Source

National Cancer Institute. *PDGFR-AA*. NCI Thesaurus. Code C116394.

A homodimeric protein complex comprised of 2 platelet-derived growth factor receptor alpha proteins. Formation of this complex is dependent on the binding of a disulfide-linked homodimer of platelet-derived growth factor alpha. The formation of the receptor dimer activates its intrinsic tyrosine-protein kinase activity and initiates signal transduction pathways.