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Platelet-Derived Growth Factor-AA

National Cancer Institute

Source

National Cancer Institute. *Platelet-Derived Growth Factor-AA*. NCI Thesaurus. Code C128285.

A disulfide-linked homodimeric protein complex comprised of 2 platelet-derived growth factor subunit A proteins. This dimeric growth factor binds to a homodimeric receptor comprised of two platelet-derived growth factor receptor alpha proteins. Ligand binding activates the intrinsic tyrosine-protein kinase activity of the receptor complex and initiates signal transduction pathways.