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Platelet-Derived Growth Factor-AB

National Cancer Institute

Source

National Cancer Institute. *Platelet-Derived Growth Factor-AB*. NCI Thesaurus. Code C128286.

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