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# CD42 Complex

National Cancer Institute

## Source

National Cancer Institute. *CD42 Complex*. NCI Thesaurus. Code C126122.

A heterotetrameric protein complex expressed on the surface of platelets that is involved in promoting platelet adhesion to von Willebrand factor during wound healing. This non-covalent complex is comprised of glycoprotein 5 (GPV; CD42d), glycoprotein 9 (GPIX; CD42a), and glycoprotein Ib (GPIb). GPIb is a heterodimer comprised of platelet glycoprotein Ib alpha chain (GPIba; CD42b) covalently bound to platelet glycoprotein Ib beta chain (GPIbb; CD42c).