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# Integrin Beta-5

National Cancer Institute

## Source

National Cancer Institute. *Integrin Beta-5*. NCI Thesaurus. Code C53962.

Integrin beta-5 (799 aa, ~88 kDa) is encoded by the human ITGB5 gene. This type I membrane protein forms a heterodimer with integrin alpha-V protein. The resulting complex binds to the tripeptide R-G-D, an amino acid sequence present in a number of ligands including vitronectin, fibronectin, fibrinogen, and laminin. Ligand binding regulates cell adhesion, growth and migration.