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Oncogene KIT

National Cancer Institute

Source

National Cancer Institute. *Oncogene KIT*. NCI Thesaurus. Code C18348.

Cloned cancer gene for Familial gastrointestinal stromal tumors (GIST), KIT proto-oncogene encodes a putative transmembrane receptor tyrosine kinase for stem cell factor and is critical in the development of pluripotent hematopoietic stem cells, migrating embryonic melanoblasts, and primordial germ cells. The human proto-oncogene is located at 4q12.