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Recombinant Human Stem Cell Factor

National Cancer Institute

Source

National Cancer Institute. *Recombinant Human Stem Cell Factor*. NCI Thesaurus. Code C1410.

A therapeutic glycoprotein cytokine chemically identical to or similar to endogenous human stem cell factor with hematopoietic activity. Recombinant human stem cell factor (rhSCF) binds to the receptor tyrosine kinase c-kit, which may stimulate the growth of peripheral blood progenitor cells (PBPCs). This agent works synergistically with other hematopoietic growth factors. rhSCF may promote bone marrow recovery after myeloablative therapies and procedures.