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Recombinant Human Albumin-Human Granulocyte Colony-Stimulating Factor

National Cancer Institute

Source

National Cancer Institute. *Recombinant Human Albumin-Human Granulocyte Colony-Stimulating Factor*. NCI Thesaurus. Code C81936.

A long-acting recombinant fusion protein incorporating human serum albumin (HSA)-derived and human granulocyte colony stimulating factor (G-CSF)-derived moieties with potential granulopoietic activity. G-CSF, a naturally occurring cytokine, stimulates the production of granulocytes and stem cells in the bone marrow and their release into the blood; it also stimulates the differentiation, function, and survival of neutrophil precursors and mature neutrophils. Albumin fusion may promote an increased serum half-life and bioavailability of the G-CSF moiety of this fusion protein.