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# Recombinant Macrophage Colony-Stimulating Factor

National Cancer Institute

## Source

National Cancer Institute. *Recombinant Macrophage Colony-Stimulating Factor*. NCI Thesaurus. Code C1290.

A recombinant therapeutic agent which is chemically identical to or similar to the endogenous protein cytokine macrophage colony-stimulating factor (M-CSF). Synthesized endogenously by mesenchymal cells, M-CSF stimulates the survival, proliferation, and differentiation of hematopoietic cells of the monocyte-macrophage series and can reverse treatment-related neutropenias. Recombinant M-CSF may also enhance antigen presentation and activate antitumoral cytotoxic T-cells.