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32-20134: Animal-Free Recombinant Human G-CSF(Discontinued)

Reactivity : Human, Mouse
Alternative Name : Granulocyte Colony-Stimulating Factor, CSF-3, MGI-1G, GM-CSFBeta , pluripoietin

Description

Source:E.coliG-CSF is a hematopoietic growth factor that stimulates the development of committed progenitor cells to neutrophils and enhances the functional activities of the mature end-cell. It is produced in response to specific stimulation by a variety of cells, including macrophages, fibroblasts, endothelial cells and bone marrow stroma. G-CSF is being used clinically to facilitate hematopoietic recovery after bone marrow transplantation. Human and murine G-CSF are cross-species reactive. Recombinant Human G-CSF is an 18.7 kDa protein consisting of 174 amino acid residues.

Product Info

Amount : 2 µg / 10 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : TPLGPASSLP QSFLLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL GHSLGIPWAP LSSCPSQALQ LAGCLSQLHS GLFLYQGLLQ ALEGISPELG PTLDTLQLDV ADFATTIWQQ MEELGMAPAL QPTQGAMPAF ASAFQRRAGG VLVASHLQSF LEVSYRVLRH LAQP

Application Note

Determined by its ability to stimulate the proliferation of mouse NFS-60 cells. The expectedÃ□Â ED_{50}Ã□Â is <= 0.1 ng/ml, corresponding to a specific activity of >= 1 x 10^7units/mg.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.