9051 Mira Mesa Blvd, #910094
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G CSF Human, PEG

Granulocyte-Colony Stimulating Factor Pegylated Human Recombinant
GRF0112

Product Overview

Name	G CSF Human, PEG

Description

Granulocyte-Colony Stimulating Factor Pegylated Human Recombinant

Accession (Primary)	P09919

Synonyms

CSF-3, MGI-1G, GM-CSF beta, Pluripoietin, Filgrastim, Lenograstim, G-CSF, MGC45931, GCSF.

Introduction

GCSF is a cytokine that controls the production, differentiation, and function of granulocytes. The active protein is found extracellularly. Three transcript variants encoding three different isoforms have been found for this gene. Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This csf induces granulocytes.

Source

Escherichia Coli.

Physical Appearance

Colorless, clear and transparent solution.

Formulation

G-CSF is supplied in solution (0.69mg/ml) containing 10mM Acetate Buffer (pH 4.0), and 0.004% Polysorbate 80.

Stability

G-CSF PEG should be stored refrigerated at 2° to 8°C. Vials should be kept in theirpackaging to protect from light until the time of use. Shaking and freezing should be avoided.

Purity

Greater than 95.0% as determined by SEC-HPLC.

Biological Activity

The ED 50 , calculated by the dose-dependent proliferation of murine NFS-60 indicator cells is less than 0.1 ng/ml, corresponding to a Specific Activity of 10,000,000IU/mg.

Precautions

G CSF Human, PEG is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P09919)