9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GCSF Monkey

Granulocyte Colony Stimulating Factor Recombinant Rhesus Macaque
GRF0114

Product Overview

Name	GCSF Monkey

Description

Granulocyte Colony Stimulating Factor Recombinant Rhesus Macaque

Accession (Primary)	P09919

Synonyms

CSF3, MGI-1G, GM-CSF beta, Pluripoietin, G-CSF, GCSF.

Introduction

GCSF is a cytokine that controls the production, differentiation, and function of granulocytes. The active protein is found extracellularly. 3 transcript variants encoding 3 different isoforms have been found for the GCSF gene. Granulocyte/macrophage colony-stimulating factors are cytokines that take part 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

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH7.4.

Stability

Lyophilized GCSF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Granulocyte Colony Stimulating Rhesus Macaque should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles .

Purity

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Amino acid sequence

TPLGPASSLP QSFLLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL RHSLGIPWAP LSSCPSQALQ LTGCLSQLHS SLFLYQGLLQ ALEGISPELS PTLDTLQLDI ADFATTIWQQ MEDLGMAPAL QPTQGAMPAF TSAFQRRAGG VLVASHLQRF LELAYRVLRH LAQS.

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Biological Activity

Solubility

It is recommended to reconstitute the lyophilized Granulocyte Colony Stimulating Rhesus Macaque in sterile 18MΩ-cm H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

GCSF Monkey is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P09919)