9051 Mira Mesa Blvd, #910094
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M CSF Rat HEK

Macrophage Colony Stimulating Factor Rat Recombinant HEK
GRF0255

Product Overview

Name	M CSF Rat HEK
Description	
Macrophage Colony Stimulating Factor Rat Recombinant HEK	
Accession (Primary)	Q8JZQ0
Synonyms	
CSF-1, Lanimostim, MCSF, MGC31930, M-CSF.	
Introduction	
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. CSF-1 induces cells of the monocyte/macrophage lineage. It plays a role in immunological defenses, bone metabolism, lipoproteins clearance, fertility and pregnancy.	
Source	
HEK293	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The recombinant MCSF was lyophilized after extensive dialysis against PBS.	
Stability	
Lyophilized MCSF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MCSF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Biological Activity	
The ED50 of 3-4ng/ml is measured by its ability to stimulate the proliferation of mouse M-NFS-60 cells.	
Solubility	
It is recommended to reconstitute the MCSF in sterile PBS not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.	

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Precautions

M CSF Rat HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8JZQ0)