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

M CSF Human, His

Macrophage Colony Stimulating Factor Human Recombinant, His Tag
GRF0251

Product Overview

Name	M CSF Human, His
Description	
Macrophage Colony Stimulating Factor Human Recombinant, His Tag	
Accession (Primary)	P09603
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	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The MCSF protein solution contains 20mM Tris-HCl, pH-8, 2mM DTT & 10% Glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MEEVSEYCSH MIGSGHLQSL QRLIDSQMET SCQITFEFVD QEQLKDPVCY LKKAFLLVQD IMEDTMRFRD NTPNAIAIVQ LQELSLRLKS CFTKDYEEHD KACVRTFYET PLQLLEKVKN VFNETKNLLD KDWNIFSKNC NNSFAECSSQ DVVTKPDCN.	
Precautions	
M CSF Human, His is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P09603)