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

M CSF Human, Sf9 His

Macrophage Colony Stimulating Factor Human Recombinant, Sf9
GRF0252

Product Overview

Name	M CSF Human, Sf9 His
Description	
Macrophage Colony Stimulating Factor Human Recombinant, Sf9	
Accession (Primary)	P09603
Synonyms	
Macrophage colony-stimulating factor 1, CSF-1, M-CSF, MCSF, Lanimostim.	
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. MCSF induces cells of the monocyte/macrophage lineage. MCSF plays a role in immunological defenses, bone metabolism, lipoproteins clearance, fertility and pregnancy.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
MCSF protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
EEVSEYCSHM IGSGHLQSLQ RLIDSQMETS CQITFEFVDQ EQLKDPVCYL KKAFLLVQDI MEDTMRFRDN TPNAIAIVQL QELSLRLKSC FTKDYEEHDK ACVRTFYETP LQLLEKVKNV FNETKNLLDK DWNIFSKNCN NSFAECSSQD VVTKPDCNCL YPKAIPSSDP ASVSPHQPLA PSMAPVAGLT WEDSEGTEGS SLLPGEQPLH TVDPGSAKQR PPR LEHHHHH H .	
Biological Activity	

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

Measured in a cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cell. The ED50 for this effect is less or equal to 3 ng/ml.

Precautions

M CSF Human, Sf9 His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P09603)