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# MCSF Mouse, Sf9

*Macrophage Colony Stimulating Factor Mouse Recombinant, Sf9*
*GRF0256*

## Product Overview

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|---|---|
| Name | MCSF Mouse, Sf9 |

**Description**

Macrophage Colony Stimulating Factor Mouse Recombinant, Sf9

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|---|---|
| Accession (Primary) | P07141 |

**Synonyms**

M-Csf, Macrophage colony-stimulating factor 1, CSF-1, MCSF, Csf1, C87615, MCSF, op, Processedmacrophage colony-stimulating factor 1.

**Introduction**

Macrophage Colony Stimulating Factor (M CSF) or colony stimulating factor 1, is a cytokine, that promoted differentiation in hematopoietic stem cells to macrophages. Another role of M CSF is to bind to its receptor (colony stimulating factor 1 receptor) and to take part in placenta growth and development.

**Source**

Sf9, Baculovirus cells.

**Physical Appearance**

Sterile Filtered colorless solution.

**Formulation**

The MCSF solution (1mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

**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**

ADPKEVSEHC SHMIGNGHLK VLQQLIDSQM ETSCQIAFEF VDQEQLDDPV CYLKKAFFLV QDIIDETMRF KDNTPNANAT ERLQELSNNL NSCFTKDYEE QNKACVRTFH ETPLQLLEKI KNFFNETKNL LEKDWNIFTK NCNNSFAKCS SRDVVTKP HH HHHH

**Biological Activity**

Determined by cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cells. ED50 range

for this effect is ≤ 4ng/ml.

**Precautions**

MCSF Mouse, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P07141 )