

Mouse MCSF Recombinant Protein



RPPB0754

Product Information Protein Information

Product SKU:

RPPB0754

Accession:

P07141

Host:

Sf9, Baculovirus cells.

Protein description:

MCSF Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 164 amino acids (33-187 aa) and having a molecular mass of 19.1 kDa. MCSF is fused to a 9 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

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

Formulation:

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

Purity:

Greater than 90.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

ADPKEVSEHC SHMIGNHGLK VLQQLIDSQM ETSCQIAFEF VDQEQLDLDPV CYLKKAFFLVQDIIDETMRF
KDNTPNANAT ERLQELSNL NSCFKDYEE QNKACVRTFH ETPLQLEKIKNFFNETKNL LEKDWNIFTK
NCNNSFAKCS SRDVVTKPHH HHHH

Biological Activity:

Determined by cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cells. ED50 range for this effect is \leq 4ng/ml.