

Human M CSF Recombinant Protein



RPPB0751

Product Information Protein Information

Product SKU:

RPPB0751

Accession:

P09603

Host:

Sf9, Insect cells.

Protein description:

MCSF produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 231 amino acids (33-255 a.a.) and having a molecular mass of 26.1kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).MCSF is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Macrophage colony-stimulating factor 1, CSF-1, M-CSF, MCSF, Lanimostim.

Formulation:

MCSF protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95.0% 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:

EEVSEYCSHM IGSGHLQSLQ RLIDSQMETS CQITFEFVDQ EQLKDPVCYL KKAFLLVQDI MEDTMRFRDN
TPNAIAIVQL QELSLRLKSC FTKDYEEHDK ACVRTFYETP LQLEKVKNV FNETKNLLDK DWNIFSKNCN
NSFAECSSQD VVTKPDCNCL YPKAIPSSDP ASVSPHQPLA PSMAPVAGLT WEDSEGTEGS SLLPGEQPLH
TVDPGSAKQR PPRLEHHHHH H.

Biological Activity:

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.