

Rat M CSF Recombinant Protein



RPPB0755

Product Information Protein Information

Product SKU:

RPPB0755

Accession:

Q8JZQ0

Host:

HEK293

Protein description:

MCSF Rat Recombinant produced in HEK-293 cells is a secreted protein (amino acids Glu33-Arg254). M-CSF is disulfide-linked homodimer containing 2 x 222 a.a chains.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CSF-1, Lanimostim, MCSF, MGC31930, M-CSF.

Formulation:

The recombinant MCSF was lyophilized after extensive dialysis against PBS.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the MCSF in sterile PBS not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized MCSF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MCSF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The ED50 of 3-4ng/ml is measured by its ability to stimulate the proliferation of mouse M-NFS-60 cells.