

Recombinant human M-CSF (Active, Tag free)

- Cat. Number:** ck0019
- Quantity size:** 10µg / 50ug / 500µg
- Protein Sequence:** 33-190aa, Tag free, full length mature protein
- Swiss-Prot:** P09603
- Gene ID:** 1435
- Source:** Human cells derived
- Structure:** Glycosylated homodimer
- Purity:** >95% by SDS-PAGE
- MW:** 35-40kDa
- Endotoxin Level:** <0.5EU/ug
- Formulation:** Lyophilized from a 0.2µm filtered solution in PBS without carrier protein
Animal and Xeno free
- Activity Assay:** The activity was measured by its ability to stimulate the proliferation of murine M-NFS-60 cells (Mouse Myeloid Leukemia indicator cell line).
- Reconstitution:** Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.
- Stability & Storage:** Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -80 °C under sterile conditions after reconstitution.
- Description:** M-CSF (Macrophage Colony stimulating Factor) is a hematopoietic stem cell factor and produced by various cell types including lymphocytes, fibroblasts, endothelial cells, myoblasts, monocytes, and osteoblasts. It is involved in the proliferation, differentiation, and survival of monocytes, macrophages, and bone marrow progenitor cells. Recombinant human M-CSF is a 35-40 kDa homodimeric and glycosylated.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.