

Active Recombinant Human CSF1 Protein, Animal Free

Cat. No. CSF1-41H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF1 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
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.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of murine M-NFS-60 cells (Mouse Myeloid Leukemia indicator cell line).
Molecular Mass	30-40 kDa
Endotoxin	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80

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Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

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.

GENE INFORMATION

Gene Name CSF1 colony stimulating factor 1 [Homo sapiens (human)]

Official Symbol CSF1

Synonyms CSF1; colony stimulating factor 1; MCSF; CSF-1; macrophage colony-stimulating factor 1; colony stimulating factor 1 (macrophage); lanimostim; macrophage colony stimulating factor 1; EC 2.7.10.1

Gene ID 1435

mRNA Refseq NM_000757

Protein Refseq NP_000748

MIM 120420

UniProt ID P09603

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