

Active Recombinant Human CSF1 protein

Cat. No. CSF1-4116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CSF1 protein was expressed in Yeast.
Species	Human
Source	Yeast
Form	Lyophilized from a 0.2µm filtered solution in PBS,pH7.4.
Bio-activity	Measured in a cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The specific activity shall be not less than 1.5×10^8 IU/mg.
Molecular Mass	Approximately 34.8kD-56KD glycosylated protein.
Endotoxin	<1EU/µg, determined by the LAL method.
Purity	≥97%.
Storage	<p>Lyophilized samples are stable for 36 months from date of manufacture at -20°C to -70°C.</p> <p>Upon reconstitution, this cytokine can be stored under sterile conditions at 2- 8°C for one month or at -20°C to -70°C in a manual defrost freezer for three months without detectable loss of activity.</p> <p>Avoid repeated freeze-thaw cycles.</p>
Reconstitution	It is recommended to reconstitute the lyophilized rHuM-CSF in 0.2ml sterile water.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

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

Official Symbol CSF1

Synonyms CSF1; colony stimulating factor 1 (macrophage); macrophage colony-stimulating factor 1; M CSF; MCSF; MGC31930; lanimostim; CSF-1;

Gene ID 1435

mRNA Refseq NM_000757

Protein Refseq NP_000748

MIM 120420

UniProt ID P09603

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