

Active Recombinant Human CSF1 protein(Met1-Arg255), His-tagged

Cat. No. CSF1-3279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF1 (NP_757349.1) (Met1-Arg255) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg255
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is typically 2-8.1 ng/mL.
Molecular Mass	The recombinant human CSF1 consists 234 amino acids and predicts a molecular mass of 26.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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