

Active Recombinant Rat CSF1 protein, His-tagged

Cat. No. Csf1-1285R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CSF1 protein(Met1-Ser255), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	1-255 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured in a cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is 5.63-22.51 ng/mL, corresponding to a specific activity of $4.44 \times 10^4 \sim 1.78 \times 10^5$ units/mg.
Molecular Mass	28.50 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name [Csf1 colony stimulating factor 1 \(macrophage\) \[Rattus norvegicus \]](#)

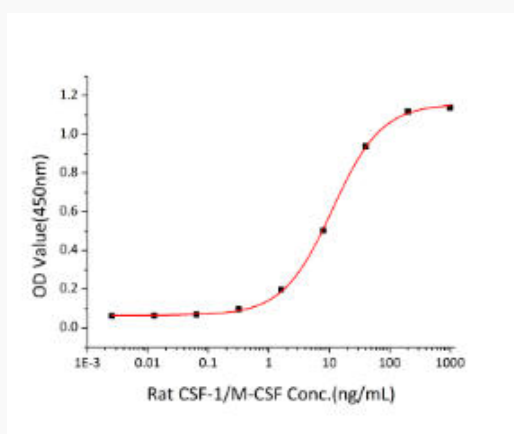
Official Symbol [CSF1](#)

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

Gene ID [78965](#)

mRNA Refseq [NM_023981](#)

Protein Refseq [NP_076471](#)

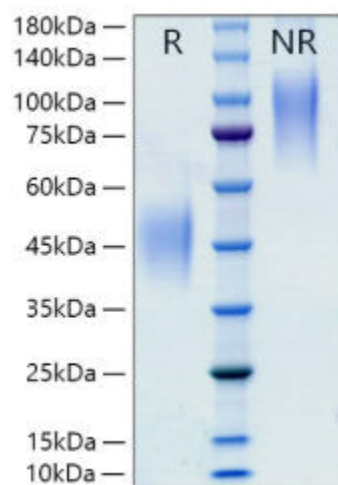
Activity


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SDS-PAGE



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