

Active Recombinant Mouse Csf3 protein, His-tagged

Cat. No. Csf3-2014M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Csf3 protein(Met1-Ala208), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-208 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Bio-activity	Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is 38.7-154.8 pg/mL, corresponding to a specific activity of 6.46×10^6 - 2.58×10^7 units/mg.
Molecular Mass	19.79 kDa
Endotoxin	< 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 [Csf3 colony stimulating factor 3 \(granulocyte\) \[Mus musculus \]](#)

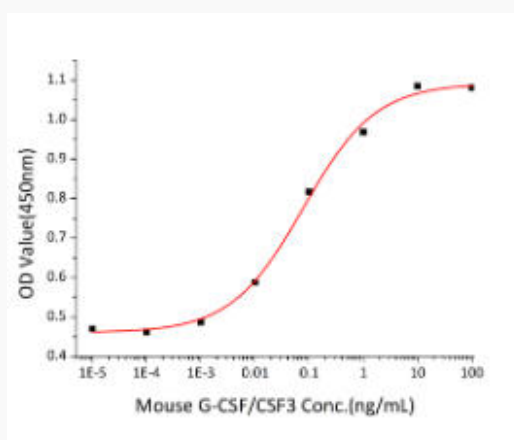
Official Symbol [Csf3](#)

Synonyms CSF3; colony stimulating factor 3 (granulocyte); granulocyte colony-stimulating factor; Csfg; G-CSF; MGI-IG;

Gene ID [12985](#)

mRNA Refseq [NM_009971](#)

Protein Refseq [NP_034101](#)

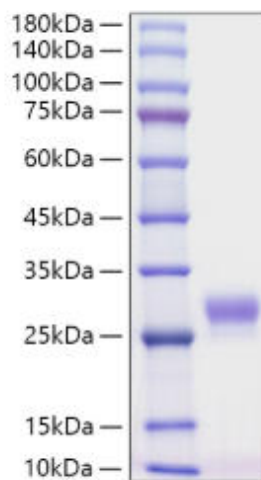
Activity


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SDS-PAGE



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