Recombinant Mouse CSF3 protein(Met1-Ala208)

Cat. No. CSF3-1165M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CSF3 (NP_034101.1) (Met1-Ala208) was expressed and purified in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala208
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	1. Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is 40-160 pg/mL. 2. Immobilized G-CSF Protein, Mouse, Recombinant, HPLC-verified at 2 μg/ml (100 μl/well) can bind CSF3R/G-CSFR Protein, Human, Recombinant (hFc Tag), The EC50 is 7-38 ng/mL.
Molecular Mass	The recombinant mouse CSF3 consists of 178 amino acids and predicts a molecular mass of 19 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.

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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 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	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

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