Recombinant Mouse Csf2 protein(Met1-Lys141)

Cat. No. Csf2-507M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CSF2 (P01587) (Met1-Lys141) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys141
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 FDC-P1 cells. The ED50 for this effect is typically 0.01-0.04 ng/mL.
Molecular Mass	The recombinant mouse CSF2 consists of 124 amino acids and predicts a molecular mass of 14.1 KDa. It migrates as an approximately 20.7 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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	Csf2 colony stimulating factor 2 (granulocyte-macrophage) [Mus musculus]
Official Symbol	Csf2
Synonyms	CSF2; colony stimulating factor 2 (granulocyte-macrophage); granulocyte-macrophage colony-stimulating factor; CSF; put. GM-CSF; colony-stimulating factor; granulocyte-macrophage colony stimulating factor 2; Csfgm; GMCSF; Gm-CSf; MGI-IGM; MGC151255; MGC151257;
Gene ID	12981
mRNA Refseq	NM_009969
Protein Refseq	NP_034099

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