

## Active Recombinant Mouse CSF2 protein, His-tagged

Cat. No. CSF2-327M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CSF2 protein(P01587)(Ala18-Lys141), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala18-Lys141
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured in a cell proliferation assay using FDC-P1 cells. The ED50 for this effect is typically 0.01-0.08 ng/mL.
<b>Molecular Mass</b>	The recombinant mouse CSF2 consists of 144 amino acids and predicts a molecular mass of 16.5 KDa. It migrates as an approximately 23 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE

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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** 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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