

Active GMP Recombinant Mouse Csf2 protein

Cat. No. Csf2-321MG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Csf2 protein(NP_034099.2)(130 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Mouse
Source	HEK293
ProteinLength	DNA sequence encoding Mouse GM-CSF(NP_034099.2) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	$\geq 2 \times 10^7$ IU/mg
Molecular Mass	Recombinant Mouse GM-CSF contains 130 aa. It has a predicted MW of 15 kDa.
Endotoxin	≤ 0.01 EU/ug
Purity	$\geq 95\%$ by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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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	CSF; Csf; GMCSF; Csf; GMCSF; Gm-CS; MGI-I; Gm-CSf; MGI-IGM
Gene ID	12981
mRNA Refseq	NM_009969
Protein Refseq	NP_034099
UniProt ID	P01587

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