

Active GMP Recombinant Mouse Csf1 protein

Cat. No. Csf1-115MG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Csf1 protein(NP_031804.3)(161 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 M-CSF(NP_031804.3) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	$\geq 1 \times 10^6$ IU/mg
Molecular Mass	Recombinant Mouse M-CSF contains 161 aa. It has a predicted MW of 18.9 kDa.
Endotoxin	<0.2EU/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 Csf1 colony stimulating factor 1 (macrophage) [Mus musculus]

Official Symbol Csf1

Synonyms op; Csf; CSF-; Csfm; M-CS; MCSF; C87615

Gene ID 12977

mRNA Refseq NM_001113529

Protein Refseq NP_001107001

UniProt ID P07141

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