

Active GMP Recombinant Rat Csf1 protein

Cat. No. Csf1-387RG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Rat Csf1 protein(NP_076471.3)(160 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Rat
Source	HEK293
ProteinLength	DNA sequence encoding Rat M-CSF(NP_076471.3) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	$\geq 2 \times 10^5$ IU/mg
Molecular Mass	Recombinant Rat M-CSF contains 160 aa. It has a predicted MW of 18.8kDa.
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 Csf1 colony stimulating factor 1 (macrophage) [Rattus norvegicus]

Official Symbol Csf1

Synonyms CSF-1; MGI-IM

Gene ID 78965

mRNA Refseq NM_023981

Protein Refseq NP_076471

UniProt ID Q8JZQ0

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