

Recombinant Mouse Csf2 Protein

Cat. No. Csf2-7177M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse recombinant GM-CSF (aa. 125) protein without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.
Form	Lyophilized
Molecular Mass	14,24 kDa
AA Sequence	MAPTRSPITVTRPWKHVEAIKEALNLLDDMPVTLNEEVEVVSNEFSFKKLTQVQTRL KIFEQGLRGNFTKLKGALNMTASYQTYCPPTPETDCETQVTYADFIDSLKTFLTDI PFECKKPGQK
Endotoxin	< 0.1 ng/μg of GM-CSF
Purity	> 95 % by SDS-PAGE and Silver staining
Stability	Shelf life: one year from despatch.
Storage	The lyophilized antibody can be stored at room temperature for up to two weeks, or

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desiccated at -20 centigrade for longer. Following reconstitution store in aliquots at -20 centigrade. Avoid repeated freezing and thawing.

Storage Buffer 50 mM acetic acid without stabilizer

Reconstitution Mouse GM-CSF should be reconstituted in 50 mM acetic acid or water to a concentration of 0.1 mg/mL. This solution can be diluted in water or other buffer solutions.

GENE INFORMATION

Gene Name [Csf2 colony stimulating factor 2 \(granulocyte-macrophage\) \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Csf2](#)

Synonyms Csf2; colony stimulating factor 2 (granulocyte-macrophage); CSF; Csfg; GMCS; Csfgm; GMCSF; Gm-CS; MGI-I; Gm-CSf; MGI-IGM; granulocyte-macrophage colony-stimulating factor; colony-stimulating factor; granulocyte-macrophage colony stimulating factor 2; put. GM-CSF

Gene ID [12981](#)

mRNA Refseq [NM_009969](#)

Protein Refseq [NP_034099](#)

UniProt ID [P01587](#)

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