

# Recombinant Mouse Csf2 Protein

**Cat. No.** Csf2-7180M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Csf2 Protein without tag was expressed in E. coli.                                                                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                             |
| <b>ProteinLength</b>    | 18-141                                                                                                                                                                             |
| <b>Description</b>      | Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes. |
| <b>Form</b>             | Liquid                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 14 kDa                                                                                                                                                                             |
| <b>AA Sequence</b>      | MAPTRSPITVTRPWKHVEAIKEALNLLDDMPVTLNEEVEVVSNEFSFKKLTQVQTRL<br>KIFEQGLRGNFTKLKGALNMTASYQTYCPPTPETDCETQVTYYADFIDSLKTFLTDI<br>PFECKKPVQK                                               |
| <b>Purity</b>           | > 95 % by SDS-PAGE                                                                                                                                                                 |
| <b>Stability</b>        | Shelf life: one year from despatch.                                                                                                                                                |
| <b>Storage</b>          | Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade                                                                                           |

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for longer. Avoid repeated freezing and thawing.

**Concentration** 1.0 mg/mL (determined by Bradford assay)

**Storage Buffer** Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

## 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

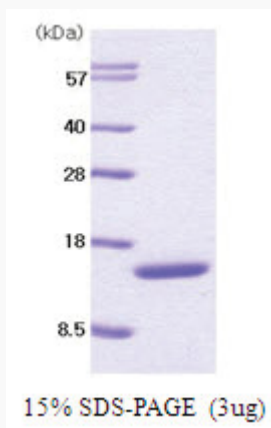
**UniProt ID** P01587

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**SDS-PAGE**



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