

## Recombinant Mouse Granulocyte-Macrophage Colony-Stimulating Factor (Csf2)

**Cat. No.:** AP2C556

**Product Type:** Animal Proteins

**Size:** 10 µg; 50 µg; 500 µg; 1 mg

### Product Overview

BioVenic's Recombinant Mouse Granulocyte-Macrophage Colony-Stimulating Factor (Csf2) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 16.1 kDa. The purity is >90%.

### Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	16.1 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

### Target Information

Mouse Granulocyte-Macrophage Colony-Stimulating Factor (Csf2) is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. In mice, Csf2 plays a crucial role in the immune response by stimulating the bone marrow to produce these immune cells and releasing them into the bloodstream. It can enhance the ability of macrophages to engulf pathogens and promote the survival and activation of granulocytes. Researchers study Csf2 to understand its functions in immune cell regulation and to develop strategies for modulating immune responses in infections, inflammatory diseases, and cancer.

Protein	Mouse Granulocyte-Macrophage Colony-Stimulating Factor (Csf2)
Protein Synonym	CSF; Csf2; Csfgm
Gene ID	<a href="#">12981</a>
UniProt ID	<a href="#">P01587</a>

### Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

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## **User Note**

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.