

Recombinant Mouse CSF2/GM-CSF Protein, N-His (Active)

Summary

Catalog No.	AMC06701
Alternative Names	Granulocyte-macrophage colony-stimulating factor, GM-CSF, Colony-stimulating factor, CSF, Csf2, Csfgm
Form	Lyophilized
Storage buffer	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
Purity	>90% as determined by SDS-PAGE.
Applications	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
Biological activity	Measured in a cell proliferation assay using FDC-P1 cells. The ED50 for this effect is typically 0.04-0.17 ng/mL, corresponding to a specific activity of $5.88 \times 10^6 \sim 2.5 \times 10^7$ units/mg.
Endotoxin level	<0.1 EU/ μ g of the protein by the LAL method.
Expression system	Mammalian Cells
Accession	Q14AD9
Protein length	Ala18-Lys141
Nature	Recombinant
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Reconstitution	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

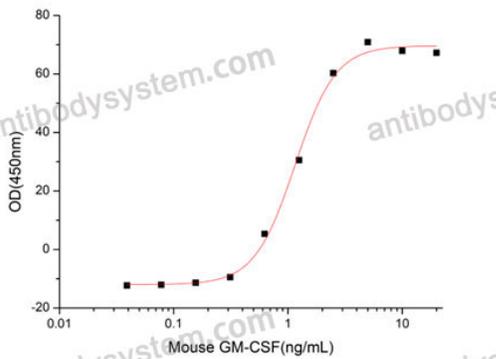
Recombinant Proteins & Antibodies

Species Mus musculus (Mouse)

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

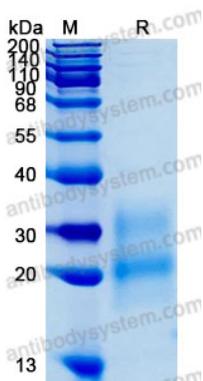
Note For research use only.

Data Image



Measured in a cell proliferation assay using FDC-P1 cells. The ED50 for this effect is typically 0.04-0.17 ng/mL, corresponding to a specific activity of $5.88 \times 10^6 \sim 2.5 \times 10^7$ units/mg.

Bioactivity



SDS-PAGE

SDS-PAGE for Recombinant Mouse GM-CSF protein