

Recombinant Mouse G-CSF

Cat. No.:MGC029 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source Chinese Hamster Ovary cell line

Description Mouse G-CSF(Val31-Ala208)

Accession # P09920

Predicted molecular mass 19.0kDa

Specification:

Appearance White powder, Colorless clear liquid after reconstitution

Purity $\geq 95\%$, by SDS-PAGE (under conditions, visualized by Coomassie staining)

Endotoxin ≤ 0.01 EU/ μ g by the LAL method

Activity The activity is determined by the dose-dependent proliferation of murine NFS-60 cells is < 0.05 ng/ml, corresponding to a specific activity of $\geq 2 \times 10^7$ units/mg.

Formulation Lyophilized from a 0.22 μ m-filtered solution containing PBS, 5% Mannitol and 0.01% Tween 80, pH7.4

Handling and Storage:

Reconstitution It is recommended to redissolve in sterile deionized water.

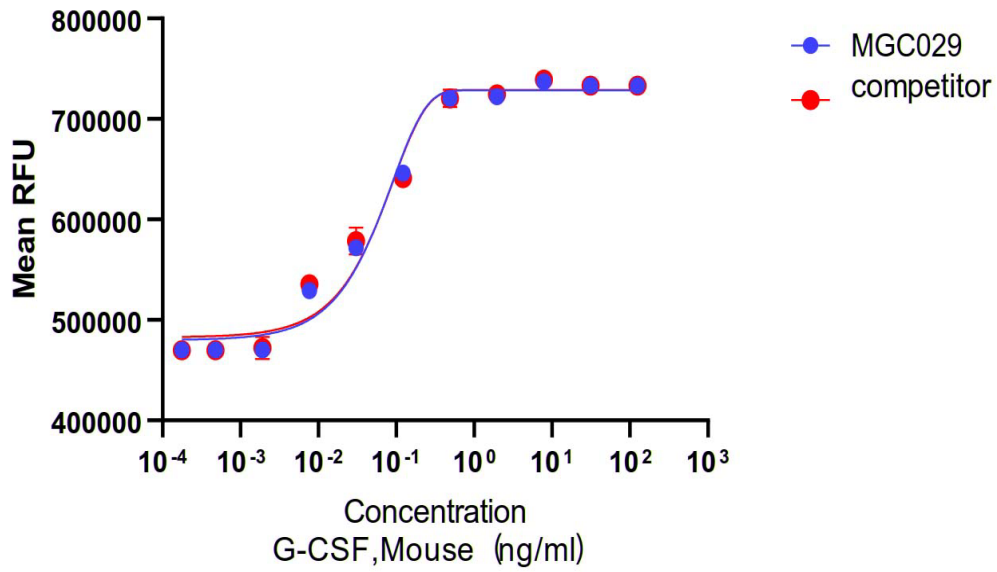
Shipping Wet ice (seasonal)

Storage & Stability 36 months at -20°C to -80°C in lyophilized state
6 months at -20°C to -80°C under sterile conditions after reconstitution
7-10 days at 2°C to 8°C under sterile conditions after reconstitution
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



Data:

Bioactivity



Measured in a cell proliferation assay using M-NFS60 cells