

## Recombinant Mouse GM-CSF

Cat. No.:MGC026 size : 10 $\mu$ g / 50 $\mu$ g / 1mg

### Characteristics:

<b>Source</b>	Chinese Hamster Ovary cell line
<b>Description</b>	Mouse GM-CSF(Ala18-Lys141) Accession # Q14AD9
<b>Predicted molecular mass</b>	14.3 kDa

### Specification:

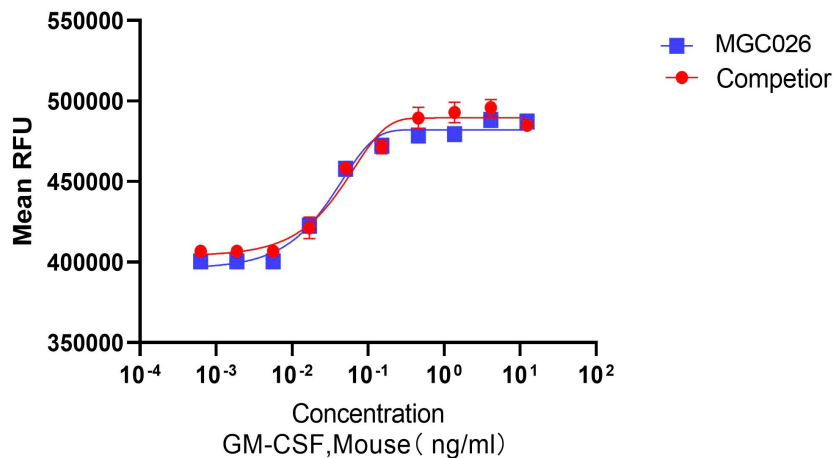
<b>Appearance</b>	White powder, Colorless clear liquid after reconstitution
<b>Purity</b>	$\geq 95\%$ , by SDS-PAGE (under conditions, visualized by Coomassie staining)
<b>Endotoxin</b>	$\leq 0.01$ EU/ $\mu$ g by the LAL method
<b>Activity</b>	The activity is determined by the dose-dependent proliferation of murine NFS-60 cells is $< 0.05$ ng/ml, corresponding to a specific activity of $\geq 2 \times 10^7$ units/mg.
<b>Formulation</b>	Lyophilized from a 0.22 $\mu$ m-filtered solution containing PBS, 5% Mannitol and 0.01% Tween 80, pH7.4

### Handling and Storage:

<b>Reconstitution</b>	It is recommended to redissolve in sterile deionized water.
<b>Shipping</b>	Wet ice (seasonal)
<b>Storage &amp; Stability</b>	36 months at $-20^{\circ}\text{C}$ to $-80^{\circ}\text{C}$ in lyophilized state 6 months at $-20^{\circ}\text{C}$ to $-80^{\circ}\text{C}$ under sterile conditions after reconstitution 7-10 days at $2^{\circ}\text{C}$ to $8^{\circ}\text{C}$ under sterile conditions after reconstitution <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b>

**Data:**

**Bioactivity**



Measured in a cell proliferation assay using M-NFS-60 cells.