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Recombinant Mouse GM-CSF

Product Number: CK01501M

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Mouse GM-CSF (Ala18-Lys141)

Accession # Q14AD9

Predicted molecular mass: 14.3 kDa

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

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

Endotoxin: ≤ 10 EU/mg 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 $0.22 \mu\text{m}$ -filtered solution containing PBS, 5% Mannitol and 0.01% Tween 80, pH 7.4

Size: 50 μg /vial, 1 mg/vial

Handling and Storage:

Reconstitution: It is recommended to redissolve in sterile deionized water.

Shipping: The product is shipped with blue ice.

Storage & Stability: 36 months at 2°C to 8°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.**