

Recombinant Mouse LIF

Cat. No.:MGC062 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source Chinese Hamster Ovary cell line

Description Mouse LIF(Ser24-Phe203)
Accession # P09056

Predicted molecular mass 19.9kDa

Specification:

Appearance White powder, Colorless clear liquid after reconstitution

Purity \geq 95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)

Endotoxin \leq 0.01EU/ μ g by the LAL method

Activity Measured in the M1 cell differentiation assay. The ED₅₀ is \leq 0.2ng/ml.

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

Handling and Storage:

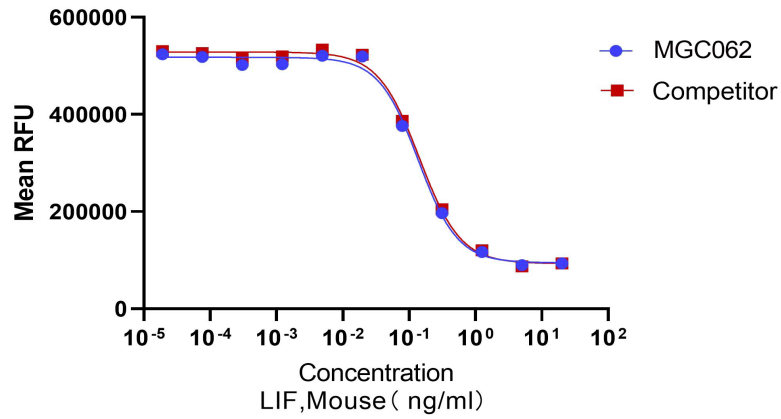
Reconstitution It is recommended to redissolve in sterile deionized water.

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 the M1 cell differentiation assay. The ED₅₀ is ≤0.2ng/ml.

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