

Recombinant Human IL-7

Cat. No.:MGC044 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human IL-7 (Asp26-His177)
Accession # P13232

Predicted molecular mass 17.3 kDa

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 ≤ 0.01 EU/ μ g by the LAL method

Activity Measured in a cell proliferation assay using NALM-6 human pre-B cells.
The ED₅₀ for this effect is ≤ 30 ng/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:

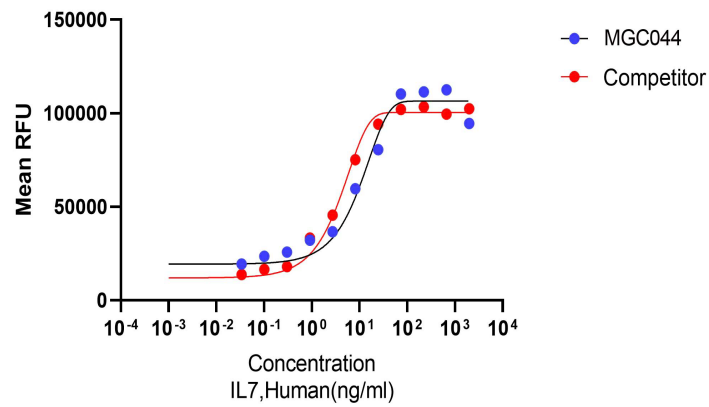
Reconstitution It is recommended to redissolve in sterile deionized water.

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



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