

Recombinant Human IL-15

Cat. No.:MGC049 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human IL-15 (Asn49-Ser162)
Accession # P40933

Predicted molecular mass 12.7 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 CTLL-2 mouse cytotoxic Tcells. The ED₅₀ for this effect is < 0.1 ng/ml, corresponding to a specific activity of $> 1 \times 10^7$ units/mg.

Formulation Lyophilized from a 0.22 μ m-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Handling and Storage:

Reconstitution It is recommended to redissolve in sterile deionized water.

Shipping Wet ice (seasonal)

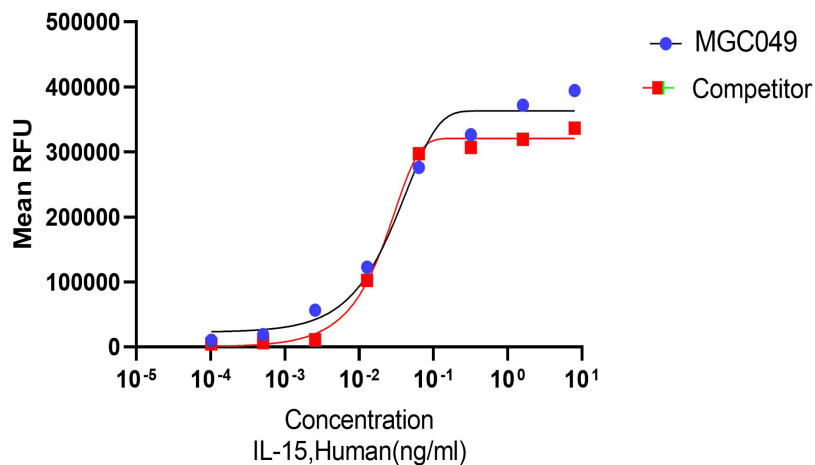
Storage & Stability 36 months at -20°C to -80°C in lyophilized state
6 months at -20°C to -80°C under sterile conditions after reconstitution
7-10 days at 2°C to 8°C under sterile conditions after reconstitution

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



Data:

Bioactivity



Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. The ED₅₀ for this effect is \leq 0.1ng/ml. The activity of Recombinant Human IL-15 (Cat.No. MGC049) is equivalent to competitor.