

Recombinant Human IL-13

Cat. No.:MGC048 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human IL13 (Gly35-Asn146)
Accession # P35225

Predicted molecular mass 12.3 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 TF-1 cells. The $ED_{50} \leq 1.0$ ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ U/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)

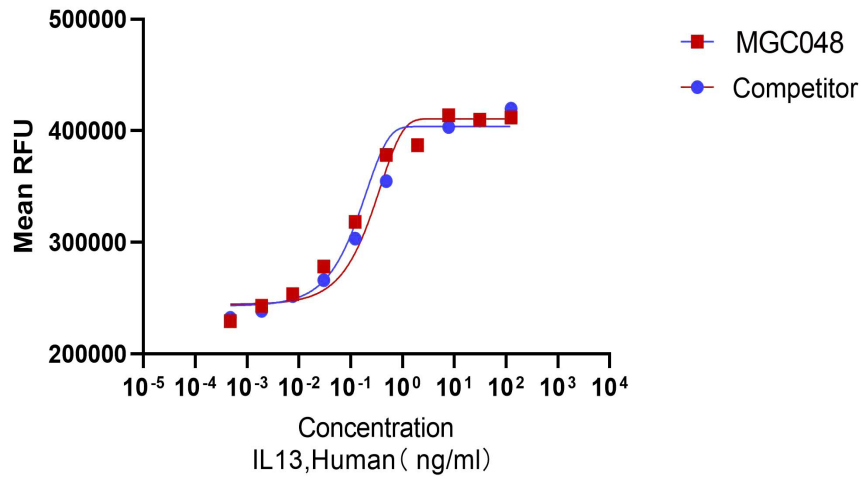
Storage & Stability 36 months at -20°C to -80°C in lyophilized state
6 months at -20°C to -80°C under sterile conditions after reconstitution

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



Human IL-13(Cat. No. MGC048) measured in a cell proliferation assay using TF-1 cells. The ED₅₀ is ≤ 1.0 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ U/mg. The activity of IL-13(Cat. No. MGC048) was equivalent to other competing products.