

Recombinant Human IL-21

Cat. No.:MGC052 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human IL-21 (His25-Ser162) Accession # Q9HBE4
Predicted molecular mass	15.9 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	\leq 0.01EU/ μ g by the LAL method
Activity	Measured by its ability to enhance IFN-gamma secretion in NK-92 human natural killer lymphoma cells. The ED ₅₀ for this effect is \leq 20 ng/mL.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

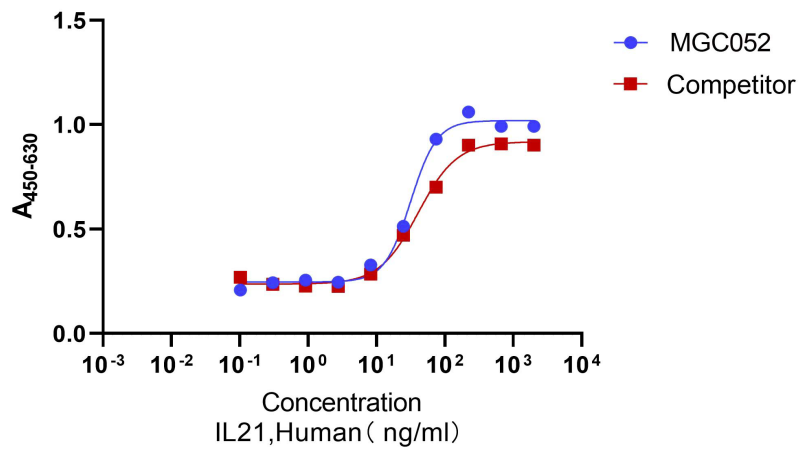
Handling and Storage:

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 by its ability to enhance IFN-gamma secretion in NK-92 human natural killer lymphoma cells. The ED₅₀ for this effect is ≤ 20 ng/mL. The activity of recombinant Human IL21(Cat. No. MGC052) is higher than the other competing product.

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