

Recombinant Human IL-21

Catalog Number: OM643556

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

Endotoxin ≤10 EU/mg by the LAL method

Activity 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.

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

Size 50 µg/vial, 1 mg/vial

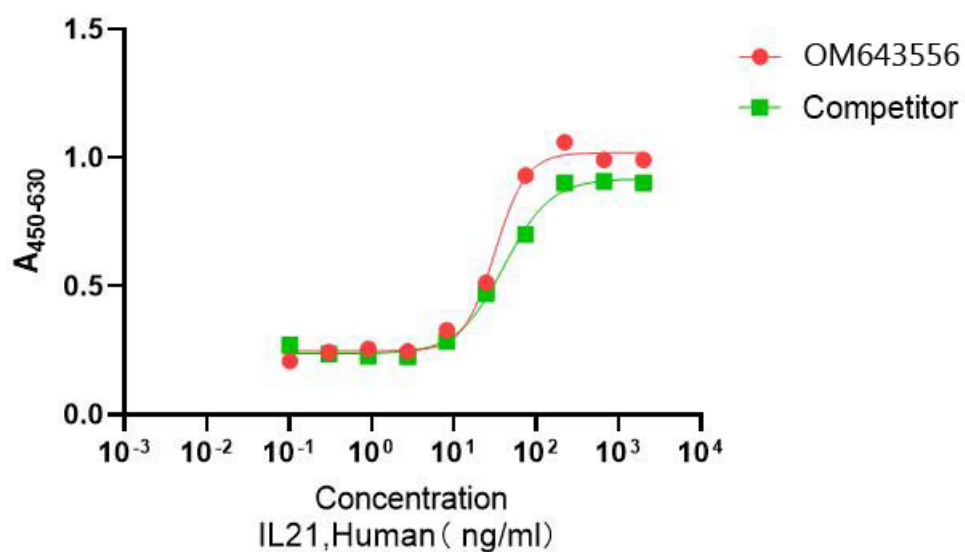
Handling and Storage:

Reconstitution It is recommended to redissolve in sterile deionized water.

Shipping The product is shipped with blue ice.

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. OM643556) is higher than the other competing product.