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Recombinant Human IL21(hFc Tag)

Product Number: CK02903

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human IL21 (His25-Ser162) with a C-terminal linker GGGGGS and Human IgG1 (Asp104-Lys330)

Accession #: Q9HBE4

Predicted molecular mass: 41.9 kDa

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

Purity: $\geq 95\%$, by SDS-PAGE (under 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 0.2 μ m filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Size: 50 μ g/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 2°C to 8°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.**