Recombinant Human IL-21（hFc Tag)

Catalog Number: OM643767

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	41.9kDa

Specification:

Appearance	White powder,Colorless clear liquid after reconstitution
Purity	≥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 ED_{50} for this effect is ≤ 20 ng/mL.
Formulation	Lyophilized from a 0.2 um filtered solution containing PBS,5% mannitol and 0.01% Tween 80, pH7.4
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 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.**