Recombinant Human IL-22

Catalog Number: OM770197

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human IL-22(Ala34-Ile179) Accession #Q9GZX6
Predicted molecular mass	16.5kDa

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 induce IL-10 secretion in COLO 205 human colorectal adenocarcinoma cells. The ED_{50} for this effect is ≤2.0ng/ml.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing PBS 5% Mannitol and 0.01% Tween80,pH7.4

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.**