

Recombinant Human IL-18 (Yeast-expressed, His Tag)

Catalog Number: Y02812H

Characteristics:

Source	Yeast
Description	Human IL-18(Tyr37-Asp193) Accession #Q14116
Predicted molecular mass	18.2kDa

Specification:

Appearance	White to pale yellow powder, Clear colorless to pale yellow liquid after resolution
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 IFN-gamma secretion by KG-1 human acute myelogenous leukemia cells in the presence of TNF-alpha. The ED50 for this effect is ≤ 1.0 ng/ml.
Formulation	Lyophilized from a 0.22 um-filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Size	10 µg/vial, 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.