

Recombinant Human IL-3

Catalog Number : mly02101

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human IL-3 (Ala20-Phe152)
Accession # P08700

Predicted molecular mass 15 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 in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED₅₀ for this effect is 0.02-0.1 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:

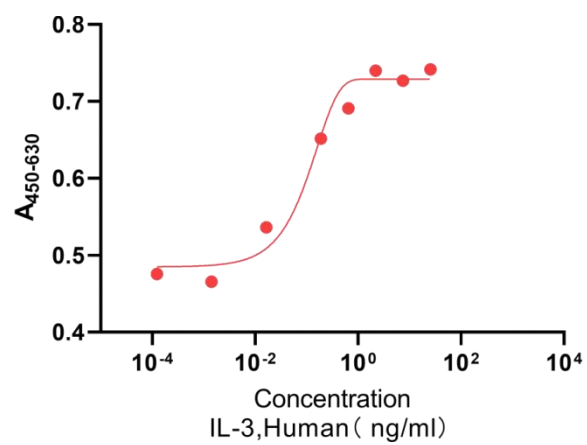
Reconstitution It is recommended to redissolve in sterile deionized water.

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



Recombinant Human IL-3 (Cat. No. mly02101) stimulates proliferation of TF-1 cells The ED_{50} for this effect is 0.02 -0.1 ng/mL.