

Recombinant Human IL-2

Catalog Number : mly02001

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human Interleukin-2 (Ala21-Thr153) Accession # P60568-1
Predicted molecular mass	15.4 kDa

Specification:

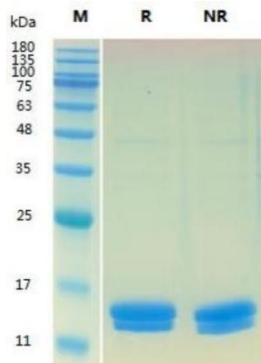
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤1 EU/mg by the LAL method
Activity	≥1 x 10 ⁷ IU/mg. Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells
Formulation	Lyophilized from a 0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Size	100 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.

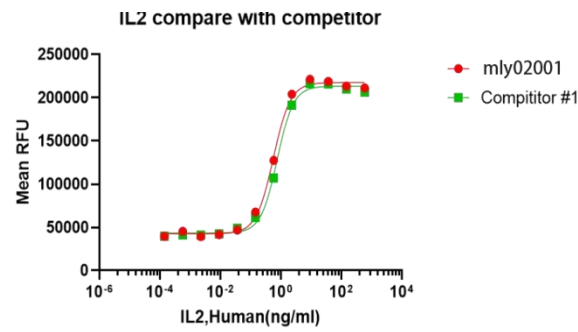
Data:

SDS-PAGE



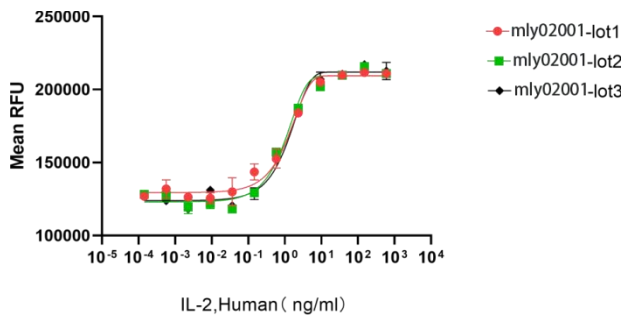
Recombinant Human IL-2 (Cat. No. mly02001) SDS-PAGE under reducing (R) & Non-reducing conditions. The gel was stained with mly02001 SDS-PAGE.

Bioactivity



Recombinant Human IL-2 (Cat. No. mly02001) stimulates proliferation of CTLL-2 cells. The specific activity of mly02001 is $\geq 1 \times 10^7$ IU/mg.

Bioactivity



Highly consistent bioactivity between different production batches of Recombinant Human IL-2 (Cat. No. mly02001).