

## Recombinant Human IL-2

**Catalog Number: OM643758**

### Characteristics:

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

### Specification:

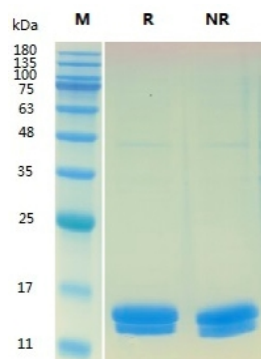
<b>Appearance</b>	White powder, Colorless clear liquid after reconstitution
<b>Purity</b>	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
<b>Endotoxin</b>	≤1 EU/mg by the LAL method
<b>Activity</b>	≥1 x 10 <sup>7</sup> IU/mg. Measured in a cell proliferation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

### Handling and Storage:

<b>Reconstitution</b>	It is recommended to redissolve in sterile deionized water.
<b>Shipping</b>	The product is shipped with blue ice
<b>Storage &amp; Stability</b>	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 <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b>

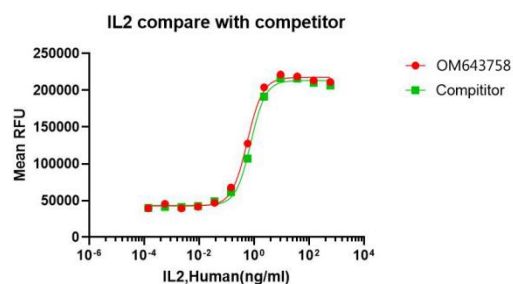
## Data:

### SDS-PAGE



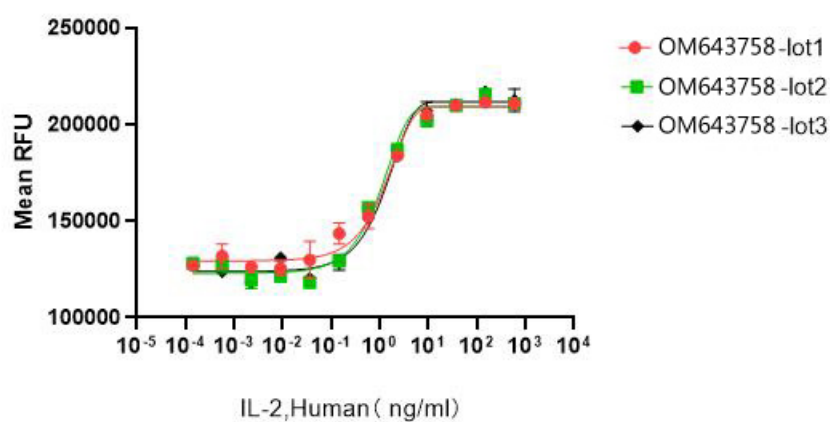
Recombinant Human IL-2 (Cat. No. OM643758) SDS-PAGE under reducing (R) & Non-reducing conditions. The gel was stained with OM643758 SDS-PAGE.

### Bioactivity



Recombinant Human IL-2 (Cat. No. OM643758) stimulates proliferation of CTLL-2 cells. The specific activity of OM643758 is  $\geq 1 \times 10^7$  IU/mg.

### Bioactivity



Highly consistent bioactivity between different production batches of Recombinant Human IL-2 (Cat. No. OM643758).