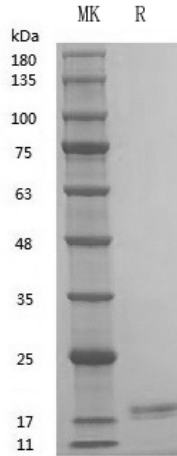


## Summary

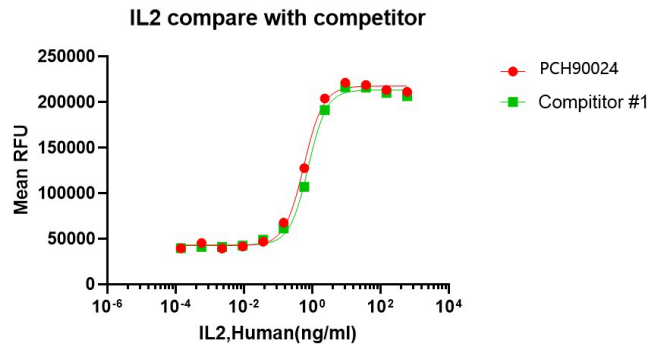
<b>Name</b>	IL-2
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	≤1 EU/mg
<b>Construction</b>	Recombinant Human IL-2 is produced by our Mammalian cell expression system and the target gene encoding Ala21-Thr153 is expressed.
<b>Accession #</b>	P60568
<b>Tag</b>	Tag free
<b>Host</b>	Mammalian cell
<b>Species</b>	Human
<b>Predicted MW</b>	15.4 kDa
<b>Form</b>	Lyophilized
<b>Buffer</b>	PBS,5% mannitol and 0.01% Tween 80, pH7.4
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

**Product Name: GMP Recombinant Human IL-2**  
**Catalog#: PCH90024**



## Bioactivity image



≥1×10<sup>7</sup> IU/mg. Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells.

## Background

### Alternative Names

Interleukin-2; IL-2; T-Cell Growth Factor; TCGF; Aldesleukin; IL2

### References

Interleukin-2(IL-2) is an interleukin, a type of cytokine signaling molecule in the immune system, belongs to the IL-2 family. It is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. IL-2/IL-2R signaling is required for T-cell proliferation and other fundamental functions that are essential for the immune response. IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine-activated killer cells, monocytes, macrophages and oligodendrocytes.

**Product Name: GMP Recombinant Human IL-2**  
**Catalog#: PCH90024**



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**Note**

For research use only .