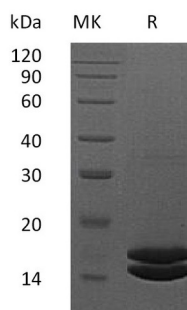


## Summary

<b>Name</b>	IL-2/Interleukin-2/T cell growth factor/TCGF
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<0.01 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Interleukin-2 is produced by our Mammalian expression system and the target gene encoding Ala21-Thr153 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	P60568
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	16.4 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 10mM Sodium Citrate, 4% Mannitol, pH4.0
<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>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<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.

## SDS-PAGE image



## Background

**Product Name: Recombinant Human IL-2 (C-6His)**  
**Catalog #: PHH0897**



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**Alternative Names**

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

**Background**

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.

**Note**

For Research Use Only , Not for Diagnostic Use.