

RP01600

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Recombinant Human IL-2 Protein

Catalog No.: RP01600

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
<i>Pichia</i>	3558	P60568

Tags

No tag

Synonyms

IL-2; Interleukin-2; lymphokine; TCGF; IL2

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of

Background

Basic Information

Description

Recombinant Human IL-2 Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Ala21-Thr153) of human IL-2 (Accession #NP_000577.2) fused with no additional amino acid.

Bio-Activity

Measured in a cell proliferation assay using HT-2 mouse T cells. The ED₅₀ for this effect is 4-16 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

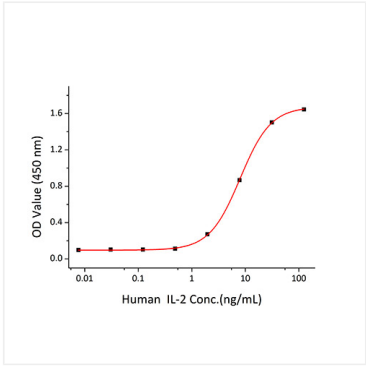
Store at -20°C
Avoid repeated freeze/thaw cycles.

0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

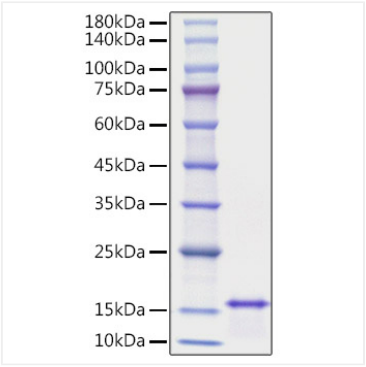
Contact



www.abclonal.com



Recombinant Human IL-2 stimulates cell proliferation of the HT-2 mouse T cells. The ED₅₀ for this effect is 4-16 ng/mL, corresponding to a specific activity of $6.25 \times 10^4 \sim 0.25 \times 10^6$ units/mg.



Recombinant Human IL-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.