

# Recombinant Human IL2(Ala21-Thr153) Protein, C-6\*His-Avi-tagged, Biotinylated

Cat. No. IL2-474H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL2(P60568)(Ala21-Thr153) Protein, fused with a 6*His, Avi tag at the C-terminus, was produced in HEK293. The purified protein was biotinylated in vitro.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	21-153 a.a.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Molecular Mass</b>	The recombinant Human IL2 Protein has a predicted molecular mass of 18.3kDa, it migrates with an apparent molecular mass of 16-18kDa under reducing conditions.
<b>AA Sequence</b>	Ala21-Thr153
<b>Endotoxin</b>	< 0.01 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Characteristic</b>	The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping**

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

**Conjugation**

Biotin

## GENE INFORMATION

**Gene Name**

IL2 interleukin 2 [ Homo sapiens ]

**Official Symbol**

IL2

**Synonyms**

IL2; interleukin 2; interleukin-2; IL 2; T cell growth factor; TCGF; aldesleukin; involved in regulation of T-cell clonal expansion; IL-2; lymphokine;

**Gene ID**

3558

**mRNA Refseq**

NM\_000586

**Protein Refseq**

NP\_000577

**MIM**

147680

**UniProt ID**

P60568

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