

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	21-153 a.a.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Molecular Mass	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.
AA Sequence	Ala21-Thr153
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Characteristic	The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Storage	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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