

Active Recombinant Human IL2 protein, His&Avi-tagged, Biotinylated

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL2 protein(Ala21-Thr153), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-153 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-2 R alpha, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-2, His Tag with the EC50 of 0.12µg/ml determined by ELISA
Molecular Mass	18.32 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

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Storage Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Reconstitution 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.

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

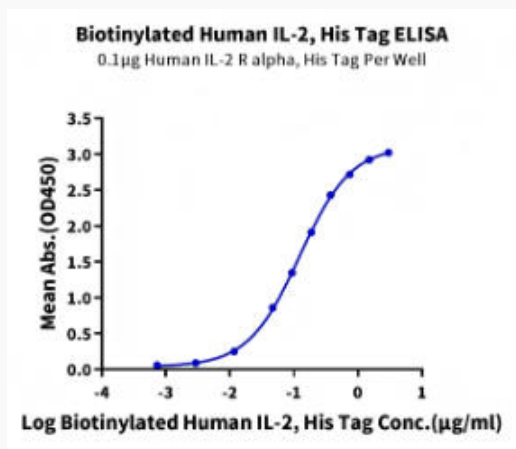
UniProt ID P60568

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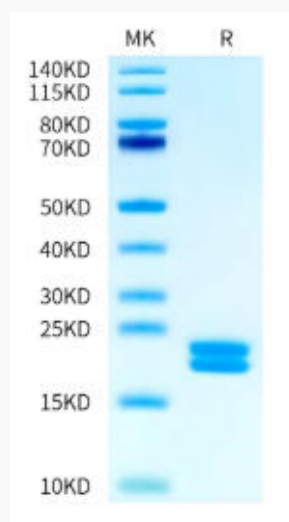
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Activity



SDS-PAGE



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