

Active Recombinant Human IL2 Protein

Cat. No. IL2-7654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL2 Protein(P60568-1) (Ala 21-Thr 153) was expressed and purified in E.coli, with an initial Met.
Species	Human
Source	E.coli
ProteinLength	21-153 aa
Form	Lyophilized from sterile 50mM NaAc, pH 5.0.
Bio-activity	Measured in a cell proliferation assay using CTLL2 mouse cytotoxic T cells. The ED50 for this effect is typically 1-5 ng/mL.
Molecular Mass	The recombinant human IL-2 consists of 134 amino acids and has a calculated molecular mass of 15.5 kDa as predicted in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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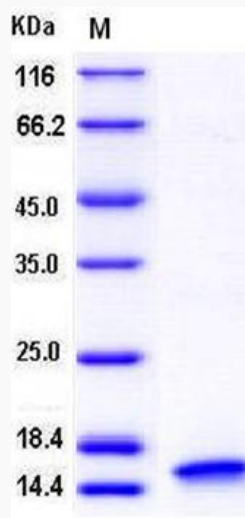
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 45-1 Ramsey Road, Shirley, NY 11967, USA

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

SDS-PAGE



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