

Active Recombinant Human IL2 Protein(L35M, L36S, C142A)

Cat. No. IL2-2951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL2 Protein(NP_000577.2) (Ala 21-Thr153, Leu 35 Met, Leu 36 Ser, Cys 142 Ala) was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	21-153 aa
Form	Lyophilized from sterile 0.1 % TFA, 70 % CAN.
Bio-activity	Measured in a cell proliferation assay using CTLL2 cells. The ED50 for this effect is typically 0.35-1.4 ng/mL.
Molecular Mass	The recombinant human IL2 consists of 133 amino acids and predicts a molecular mass of 15.4 kDa. It migrates as an approximately 15 kDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

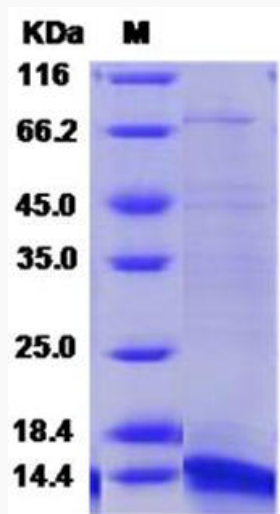
Gene Name	IL2 interleukin 2 [Homo sapiens]
Official Symbol	IL2
Synonyms	IL2; interleukin 2; interleukin-2; IL 2; T cell growth factor; TCGF; aldesleukin; involved in regulation of T-cell clonal expansion; IL-2; lymphokine;
Gene ID	3558
mRNA Refseq	NM_000586
Protein Refseq	NP_000577
MIM	147680
UniProt ID	P60568

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SDS-PAGE



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