

Recombinant Human IL2 Protein, GMP Grade, Animal-Free

Cat. No. IL2-30HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human IL2 protein with out tag was expressed in E. coli and manufactured using animal-derived component free materials.
Species	Human
Source	E.coli
ProteinLength	134 amino acid residues including one intrachain disulfide bond
Description	IL-2 is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation.
Molecular Mass	15.5 kDa
AA Sequence	MAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFKYMPKKATELKHLLQ CLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELKGSETTFMCEYADETATIVE FLNRWITFAQSIISTLT
Purity	≥ 98% by SDS-PAGE gel and HPLC analyses.

GENE INFORMATION

Gene Name	IL2 interleukin 2 [Homo sapiens (human)]
Official Symbol	IL2

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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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