Recombinant Human IL2 Protein

Cat. No. IL2-41H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains full length of Human interleukin 2 without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene is a member of the interleukin 2 (IL2) cytokine subfamily which includes IL4, IL7, IL9, IL15, IL21, erythropoietin, and thrombopoietin. The protein encoded by this gene is a secreted cytokine produced by activated CD4+ and CD8+ T lymphocytes, that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine (IL2R) is a heterotrimeric protein complex whose gamma chain is also shared by IL4 and IL7. The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli.
Form	Affinity purified, liquid
Molecular Mass	17.77 kDa
Purity	>95% pure by SDS-PAGE
Applications	Suitable for use in ELISA, WB and other immune tests

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Storage	Upon receipt, store at 2-8 centigrade.
Storage Buffer	Phosphate saline, pH 8, and 8 M Urea
Full Length	Full L.

GENE INFORMATION

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

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