

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	<p>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.</p>
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.
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Storage Buffer	Phosphate saline, pH 8, and 8 M Urea
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Full Length	Full L.
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GENE INFORMATION

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