

## Recombinant Human IL2 protein, GST-tagged

Cat. No. IL2-3099H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL2 protein(P60568)(21-153aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	21-153aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	42.4 kDa
<b>AA Sequence</b>	APTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMPKKATELKHLCQ LEEELKPLEEVNLNAQSKNFHLRPRDLISINIVIVLELKGSETTFMCEYADETATIVEFL NRWITFCQSIISTLT
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION**

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

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