

Recombinant Human IL2 protein, His-tagged

Cat. No. IL2-618H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human IL2 protein(NP_000577)(1-153 aa), fused with His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-153 aa |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization. |
| AA Sequence | MYRMQLLSCIALSLALVTNSAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTR MLTFKIFYMPKKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNINVIVLELK GSETTFMCEYADETATIVEFLNRWITFCQSIISTLT |
| Purity | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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|------------------------|--|
| 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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