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32-17589: Recombinant Human IL2 Protein, His Tag

Uniprot ID : P60568
Alternative Name : IL-2, lymphokine, TCGF

Description

Molecular Characterization: IL2(Ala21-Thr153) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 16.2 kDa after removal of the signal peptide.The apparent molecular mass of IL2-His is approximately 15-25 kDa due to glycosylation.
Description: Recombinant Human IL2 with C-terminal 6Ã—His tag
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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.