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Bhubaneswar, Odisha - 751024, INDIA

## 32-1383: IL 2 His Recombinant Protein

Alternative Name: T-cell growth factor (TCGF), Aldesleukin, Lymphokine, IL-2, IL2.

## **Description**

Source: Escherichia Coli. Interleukin-2 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 133 amino acids fragment (21-153) having a molecular weight of 20kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The IL-2 His is purified by proprietary chromatographic techniques. IL2 is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (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:  $10 \mu g$ 

**Purification:** Greater than 90.0% as determined by SDS-PAGE.

**Content :** Interleukin-2 His-Tag protein is supplied in 1xPBS, 50% glycerol.

Storage condition:

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Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Places a violation to the property of th

time. Please avoid freeze thaw cycles.

