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32-1384: IL 2 HEK Recombinant Protein(Discontinued)

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

Description

Source : HEK. Interleukin-2 Human Recombinant produced in HEK cells is a glycosylated monomer, having a total molecular weight of 15kDa.The IL2 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 µg
Purification :	Greater than 95% as obsereved by SDS-PAGE.
Content :	The IL2 was lyophilized from 1mg/ml in 1xPBS.
Storage condition :	Lyophilized IL-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL2 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized IL-2 in sterile PBS containing 0.1% endotoxin-free recombinant HSA. The specific activity was determined by the dose-dependent stimulation of the proliferation of mouse CTLL-2 cells (mouse cytotoxic T cell line) and is typically 0.2-2ng/ml.

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