

## Interleukin-2 Human Recombinant, HEK

<b>Item Number</b>	rAP-0490
<b>Synonyms</b>	T-cell growth factor (TCGF), Aldesleukin, Lymphokine, IL-2.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P60568
<b>Amino Acid Sequence</b>	
<b>Source</b>	HEK.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
<b>Formulation and Purity</b>	The IL2 was lyophilized from 1mg/ml in 1xPBS. Greater than 95% as observed by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized IL-2 in sterile PBS containing 0.1% endotoxin-free recombinant HSA.
<b>Biological Activity</b>	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.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**