

Product Datasheet

Recombinant IL-2, Human (orb1494709)

Description	Interleukin-2 (IL-2) is a Oglycosylated, four α -helix bundle cytokine that has potent stimulatory activity for antigen-activated T cells. It is expressed by CD4+ and CD8+ T cells, $\gamma\delta$ T cells, B cells, dendritic cells, and eosinophils. IL-2/IL-2R signaling is required for T-cell proliferation and other fundamental functions which are essential for the immune response. IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine activated killer cells, monocytes, macrophages and oligodendrocytes.
Endotoxins	< 0.2 EU/ μ g, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS..
Form/Appearance	Lyophilized after extensive dialysis against PBS..
Storage	Lyophilized recombinant Human Interleukin-2 (IL-2) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Human Interleukin-2 (IL-2) should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only
Application notes	Reconstituted in ddH2O or PBS at 100 μ g/ml.
Protein Sequence	APTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRMLTFKFYMPKKATELKHLQCLEEEEL KPLEEVNLNAQSKNFHL RPRDLISNINVIVLELKGSETTFMCEYADETATIVEFLNRWITFCQSIISTLT
Purity	> 95% as analyzed by SDS-PAGE.
Source	CHO
MW	15~16 kDa, observed by reducing SDS-PAGE.
Expiration Date	6 months from date of receipt.

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