

IL-2 (human), (recombinant)

Interleukin 2 (IL-2) is an immunomodulatory cytokine that is produced by lymphocytes. IL-2 signals through the IL-2R receptor to induce activated T cell proliferation and promote T cell differentiation. IL-2 also stimulates the proliferation and differentiation of B cells, natural killer cells, monocytes, and macrophages.

Ordering Information

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ENZ-PRT254-0100	100µg
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Manuals, SDS & CofA

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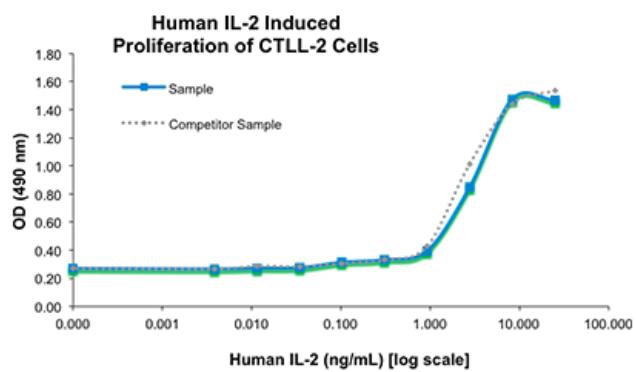


Figure 1: CTLL-2 cells were cultured with 0 to 25 ng/mL Human IL-2. Cell proliferation was measured after 66 hours and the linear portion of the curve can be used to calculate the ED50.

Handling & Storage

Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -80°C. For long term storage, it is recommended to dilute to working aliquots in a 0.1% BSA solution.
Long Term Storage	-80°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Interleukin-2, T cell growth factor, TCGF, Aldesleukin
Endotoxin Content	≤1 EU/μg protein (LAL test)
Formulation	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).
MW	~15.5kDa
Purity	≥95% (SDS-PAGE)
Reconstitution	Reconstitute in 10 mM HCl at 0.1 mg/mL.
Source	Produced in <i>E. coli</i> . Contains 134 amino acids.
UniProt ID	P60568

Last modified: May 29, 2024



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