

32-12136: Mouse Interleukin-2

Gene : IL2
Gene ID : 16183
Uniprot ID : P04351
Alternative Name : T-cell growth factor, TCGF, Aldesleukin

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 17.4 kDa (150 aa)

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.

Product Info

Amount : 20 µg / 100 µg
Purification : Reducing and Non-Reducing SDS PAGE at $\geq 95\%$
Content : Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium citrate, pH 4.0
Sterile 10 mM acetic acid at 0.1 mg/mL
Storage condition : Store at -20°C
Amino Acid : MAPTSSSTSS STAEAQQQQ QQQQQQHLE QLLMDLQELL SRMENYRNLK LPRMLTFKFY
LPKQATELKD LQCLEDELGP LRHVLDLTQS KSFQLEDAEN FISNIRVTVV KLKGSNTFE CQFDDESATV
VDFLRRWIAF CQSIISTSPQ

Application Note

Endotoxin: Less than $0.1 \text{ ng}/\mu\text{g}$ ($1 \text{ IEU}/\mu\text{g}$) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.



