

## 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 >= 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 KLLGSDNTFE CQFDDESATV  
 VDFLRRWIAF CQSIISTSPQ

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) 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.



