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32-12136: Mouse Interleukin-2

 Gene :
 II2

 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%

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium citrate,

Content: pH 4.0

Sterile 10 mM acetic acid at 0.1 mg/mL

Storage condition: Store at -20°C

Amino Acid: MAPTSSSTSS STAEAQQQQQ QQQQQQHLE QLLMDLQELL SRMENYRNLK LPRMLTFKFY

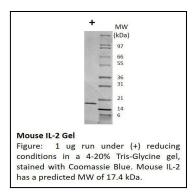
LPKQATELKD LQCLEDELGP LRHVLDLTQS KSFQLEDAEN FISNIRVTVV KLKGSDNTFE

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 vialed to compensate for this loss. Â Â





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