

# Product datasheet for AR51807PU-S

### Interleukin-2 / IL2 (21-169, His-tag) Human Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Interleukin-2 / IL2 (21-169, His-tag) human recombinant protein, 50 µg Species: Human E. coli **Expression Host:** MAPTSSSTSS STAEAQQQQQ QQQQQQHLE QLLMDLQELL SRMENYRNLK LPRMLTFKFY Expression cDNA Clone LPKQATELKD LQCLEDELGP LRHVLDLTQS KSFQLEDAEN FISNIRVTVV KLKGSDNTFE or AA Sequence: CQFDDESATV VDFLRRWIAF SQSIISTSPQ Tag: His-tag Predicted MW: 17.3 kDa **Concentration:** lot specific **Purity:** >90% by SDS - PAGE **Buffer:** Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) **Bioactivity:** Specific: Measured in a cell proliferation assay using CTLL-2 mouse T lymphocyte. The ED50 for this effect is < 0.9 ng/ml. Endotoxin: < 1.0 Eu per 1 microgram of protein (determined by LAL method) **Preparation:** Liquid purified protein **Protein Description:** Recombinant mouse IL2 was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Stability: Shelf life: one year from despatch. **RefSeq:** NP 032392 Locus ID: 16183 **UniProt ID:** P04351 Cytogenetics: 3 18.3 cM



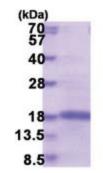
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	Interleukin-2 / IL2 (21-169, His-tag) Human Protein – AR51807PU-S
Synonyms:	IL-2, TCGF
Summary:	Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.[UniProtKB/Swiss-Prot Function]

## Product images:



15% SDS-PAGE (3ug)

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