

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
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAPTSSSTSS STAEAAQQQQ QQQQQQHLE QLLMDLQELL SRMENYRNLK LPRMLTFKFY LPKQATELKD LQCLEDELGP LRHVLDLTQS KSFQLEDAEN FISNIRVTWV KLKGSNDNTE 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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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:

