

Product datasheet for **TP723745**

IL2 (NM_008366) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 2 (IL2)
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Mouse IL-2, the region of Ala21-Gln169, from gene Accession# NM_008366
Tag:	Tag Free
Predicted MW:	17.2 kDa
Concentration:	lot specific
Purity:	Purity is >98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	5 mM NaH ₂ PO ₄ , 5 mM citric acid, 350 mM NaCl, pH 4.0, 1 mM DTT
Bioactivity:	The ED ₅₀ is 0.10-0.40 ng/ml, corresponding to a specific activity of 2.5 - 10 x 10 ⁶ units/mg, determined by a dose dependent stimulation of HT-2 cells.
Endotoxin:	Less than 0.01 ng per ug protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_032392
Locus ID:	16183
UniProt ID:	P04351
RefSeq Size:	955
Cytogenetics:	3 18.3 cM
RefSeq ORF:	507
Synonyms:	IL-2



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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: