

Product datasheet for TP723214

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:	PTSSSTSSST AEAQQQQQQQ QQQQHLEQL LMDLQELLSR MENYRNLKLP RMLTFKFYLP KQATELKDLQ CLEDELGPLR HVLDLTQSKS FQLEDAENFI SNIRVTWVKL KGSDNTFECQ FDDESATVVD FLRRWIAFCQ SIISTSPQ
Tag:	Tag Free
Predicted MW:	17.2 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	The ED50 as determined by the dose dependent stimulation of murine CTLL-2 cells is > 0.2 ng/ml, corresponding to a specific activity of > 5 × 10 ⁶ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
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: