

# Mouse IL-2 (ELISA Standard) Recombinant Protein, eBioscience™

Product Details	
Size	4 pack
Species	Mouse
Expression system	E. coli
Amino acid sequence	Mouse IL-2, amino acids Ala21-Gln169 (Accession # MMIL04)
Molecular weight	17 kDa
Class	Recombinant
Type	Protein
Conjugate	Unconjugated
Form	Lyophilized
Purification	Affinity chromatography
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay-Dependent	-
Control (Ctrl)	Assay-Dependent	-

## Product Specific Information

**Description:** Mouse IL-2 (also known as TCGF) is an ~17 kDa factor produced mainly by activated CD4+ T cells. IL-2 induces cell cycle progression of resting cells in an antigen non-specific manner and allows clonal expansion of activated T cells. IL-2 also acts on activated B cells, monocytes, NK cells, LAK cells, and on oligodendroglial cells in vitro. In addition, IL-2 plays a role in hematopoiesis, tumor surveillance and anti-inflammatory reactions, and hence is a central regulator of the immune response. Non-glycosylated IL-2 is biologically active.

**Applications Reported:** The Mouse IL-2 Lyophilized Standard is intended to be used as a standard for the Mouse IL-2 Ready-Set-Go! ELISA kit (cat. 88-7024). Typically the standard is run in a series of 7 doubling dilutions from the 'top' standard. Please refer to the Certificate of Analysis included with each ELISA set for instructions on the proper reconstitution and dilution of the lyophilized standard.

**Note:** These are single-use vials. Use one time within 4 hours of reconstitution and discard. Reconstitute and dilute as suggested in the Certificate of Analysis or recovery may not be accurate.

**Applications Tested:** The Mouse IL-2 Lyophilized Standard has been calibrated and tested in the Mouse IL-2 Ready-Set-Go! ELISA kit (cat. 88-7024).

**Source:** E. coli expressed amino acids Ala21-Gln169 of mouse IL-2 accession # MMIL04.

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