

## Product datasheet for TP525459

### IL2 (NM\_008366) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 2 (IL2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225459 representing NM_008366 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MYSMQLASCVTLLVLLVNSAPTSSSTSSSTAEAQQQQQQQQQQQHLEQLLMDLQELLSRMENYRNL KL PRMLTFKFYLPKQATELKDLCLEDELGPLRHVLDLTQSKSFQLEDAENFISNIRVTVVKLGSDNTFEC QFDDESATVVDLRRWIAFCQSIISTSPQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	19.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_032392</a>
Locus ID:	16183
UniProt ID:	<a href="#">P04351</a>
RefSeq Size:	955



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**Cytogenetics:** 3 18.3 cM

**RefSeq ORF:** 507

**Synonyms:** Il-2

**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]