

## Product datasheet for **TP723773**

### **IL2 (NM\_053836) Rat Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Rat interleukin 2 (IL2), (10 ug)
<b>Species:</b>	Rat
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Rat IL-2, the region of Ala21-Met153, from gene Accession# NM_053836
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	15.4 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>98%, as determined by Coomassie stained SDS-PAGE.
<b>Buffer:</b>	5 mM NaH <sub>2</sub> PO <sub>4</sub> , 5 mM citric acid, 150 mM NaCl, pH 4.0
<b>Bioactivity:</b>	The ED50 is 0.102 - 0.295 ng/ml, corresponding to a specific activity of 9.8 - 3.39 x 10 <sup>6</sup> units/mg, determined by the dose dependent stimulation of CTLL-2 cells.
<b>Endotoxin:</b>	Less than 0.1 EU/μg (<0.01ng/μg) protein as determined by the LAL method
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NP_446288</a>
<b>Locus ID:</b>	116562
<b>UniProt ID:</b>	<a href="#">P17108</a>
<b>RefSeq Size:</b>	740
<b>Cytogenetics:</b>	2q25
<b>RefSeq ORF:</b>	465
<b>Summary:</b>	cytokine produced by T-cells in response to antigen or mitogen stimulation [RGD, Feb 2006]



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**Product images:**

