

## Recombinant Mouse Il2 protein, His-tagged

Cat. No. Il2-553M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il2 (P04351) aa. (Ala21~Gln169) fused with His tag was produced in HEK293F cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala21~Gln169
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 18.9kDa; Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>98%
<b>Characteristic</b>	Isoelectric point is 4.9.
<b>Applications</b>	Cell culture; Activity Assays; In vivo assays.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

## GENE INFORMATION

**Gene Name**

Il2 interleukin 2 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Il2

**Synonyms**

Il2; interleukin 2; Il-2; interleukin-2; T-cell growth factor; TCGF

**Gene ID**

16183

**mRNA Refseq**

NM\_008366.3

**Protein Refseq**

NP\_032392.1

**UniProt ID**

P04351

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**SDS-PAGE**



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