

Recombinant Rat IL2 protein, His-tagged

Cat. No. IL2-479R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL2 (P17108) aa. (Ala21~Gln155) fused with His tag was produced in HEK293F cells.
Species	Rat
Source	HEK293
ProteinLength	Ala21~Gln155
Description	Cytokine produced by T-cells in response to antigen or mitogen stimulation.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.1kDa; Accurate Molecular Mass: 17&18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 97%
Characteristic	Isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling

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Stability	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 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.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 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

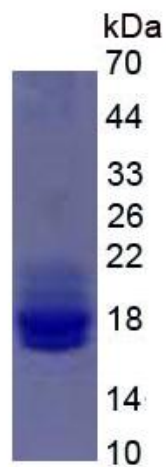
Gene Name	IL2 interleukin 2 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	IL2
Synonyms	IL2; interleukin 2; interleukin-2; IL-2; T-cell growth factor; TCGF
Gene ID	116562
mRNA Refseq	NM_053836.1
Protein Refseq	NP_446288.1
UniProt ID	P17108

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SDS-PAGE



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