

Recombinant Rat Il2 protein, His & GST-tagged

Cat. No. Il2-638R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il2 aa. (Ala21~Gln155 (Accession # P17108)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
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: 45.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
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,

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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.

Storage buffer

Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION**Gene Name**

IL2 interleukin 2 [*Rattus norvegicus* (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

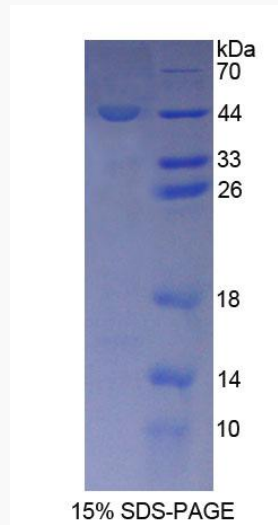
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SDS-PAGE



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