

Recombinant Mouse Il2 protein, His-tagged

Cat. No. IL2-553M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il2 (P04351) aa. (Ala21~Gln169) fused with His tag was produced in HEK293F cells.
Species	Mouse
Source	HEK293
ProteinLength	Ala21~Gln169
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.9kDa; Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	Isoelectric point is 4.9.
Applications	Cell culture; Activity Assays; In vivo assays.
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

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

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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

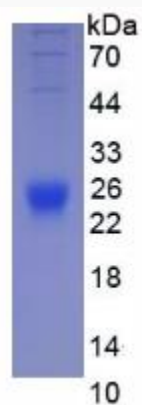
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SDS-PAGE



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