

Active Recombinant Mouse IL2 protein, His-tagged

Cat. No. IL2-0183M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL2 protein(Ala21-Gln169), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	21-169 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Mouse IL-2, His Tag at 5 µg/mL (100 µL/well) can bind Mouse IL-2RB&IL-2RA&IL-2RG, Fc Tag&Fc Tag with a linear range of 0.8-3 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 19.1 kDa. The protein migrates as 20-25 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala21-Gln169
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL2 interleukin 2 [<i>Mus musculus</i>]
Official Symbol	IL2
Synonyms	IL2; interleukin 2; interleukin-2; TCGF; T-cell growth factor; Il-2;
Gene ID	16183
mRNA Refseq	NM_008366
Protein Refseq	NP_032392

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