Recombinant Guinea pig Il2 Protein, His-tagged

Cat. No. Il2-1024G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Guinea pig Il2 Protein (Ala21-Thr152) with His tag was expressed in E. coli.
Species	Guinea pig
Source	E.coli
ProteinLength	Ala21-Thr152
Description	Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.8 kDa; Accurate Molecular Mass: 18 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Il2 interleukin 2 [Cavia porcellus (domestic guinea pig)]
Official Symbol	Il2
Synonyms	IL2; interleukin 2; interleukin-2;
Gene ID	100379540
mRNA Refseq	NM_001172837
Protein Refseq	NP_001166308
UniProt ID	O88210

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