

Eukaryotic Interleukin 2 (IL2)

Instruction Manual

SFPA047Mu61

Mus musculus (Mouse)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	18.9kDa
Accurate Molecular Mass	25kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala21~Gln169 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	4.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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LLMDLQELLS RMENYRNLKL PRMLTFKFYL PKQATELKDL QCLEDELGPL  
RHVLDLTQSK SFQLEDAENF ISNIRVTVVK LKGSNTFEC QFDDESATVV  
DFLRRWIAFC QSIISTSPQ  
APTSSSTSSS TAEAQQQQQQ QQQQQQHLEQ
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

STORAGE

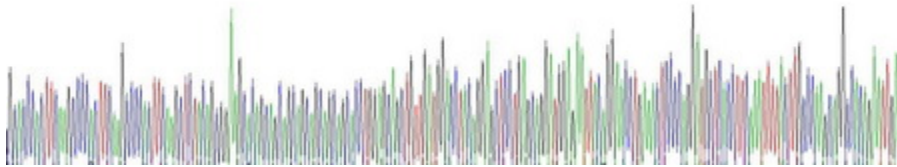
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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.

Image

A P T S S P T S S P T S S T A E A Q Q Q G G C R L E G L R D L G E L L S R R R R R R L L L F R A L T F R F T L P G A T E L L



SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.