RPA073Hu01 50µg

Recombinant Interleukin 2 (IL2)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)
[ PROPERTIES ]

Source: Prokaryotic expression.
Host: E. coli
Residues: Ala21~Thr153
Tags: N-terminal His-Tag
Tissue Specificity: Placenta.
Subcellular Location: Secreted.
Purity: >95%
Traits: Freeze-dried powder
Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Original Concentration: 200µg/mL
Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
(May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point: 6.8
Predicted Molecular Mass: 15.8kDa
Accurate Molecular Mass: 17kDa as determined by SDS-PAGE reducing conditions.

[ USAGE ]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[ STORAGE AND STABILITY ]

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

Stability Test: 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.
[SEQUENCE]

APTSSSTKKT QLQLEHLLLD LQMINLGNN
YKNPKLTRML TFKFYMPKKA TELKHLQCLE EELKPLEEVL NLAQSKNFHL
RPRDLISNIN VIVELEKGSE TTFMCEYADE TATIVEFLNR WIFTCQSIIS
TLT

[IDENTIFICATION]

Figure 1. Gene Sequencing (Extract)

Figure 2. SDS-PAGE