



[Go to Product page](#)

Datasheet for ABIN1112336

## IL-3 Protein

### 1 Publication

#### Overview

Quantity:	10 µg
Target:	IL-3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Biochemical Assay (BCA)

#### Product Details

Sequence:	APMTQTTSLK TSWVNCNMI DEIITHLKQP PLPLDFNNL NGEDQDILME>NNLRRPNLEA FNRAVKSLQN ASAIESILKN LLPCLPLATA APTRHPIHIK DGDWNEFRRK LTFYKLTLEN AQAQQTTLSL AIF.
No Cross-Reactivity:	Human, Mouse (Murine), Monkey
Characteristics:	The ED50 was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is less or equal to 0.1 µg/ml, corresponding to a specific activity of greater than or equal to 1 x 10 <sup>7</sup> units/mg.
Purity:	> 95 % as determined by SDS-PAGE analysis.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin: 1.EU/µg determined by LAL method.

## Target Details

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Target: IL-3

Alternative Name: IL-3 ([IL-3 Products](#))

Molecular Weight: 15 kDa.

Pathways: [JAK-STAT Signaling](#), [Regulation of Carbohydrate Metabolic Process](#), [Autophagy](#)

## Application Details

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Comment: Length: 133 AA

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: We recommended spin the vial shortly prior to opening to bring the contents to the bottom. Lyophilized hIL-3 should be reconstituted in deionized water to 0,1-1 µg/mL to regain full activity. These stock solutions should be apportioned into working aliquots and stored at -20 °C. Further dilutions should be made in low endotoxin medium or buffered solution with FBS or tissue culture grade BSA.

Storage: -20 °C

## Publications

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Product cited in: Whiteland, Nicholls, Shimeld, Easty, Williams, Hill: "Immunohistochemical detection of T-cell subsets and other leukocytes in paraffin-embedded rat and mouse tissues with monoclonal antibodies." in: **The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society**, Vol. 43, Issue 3, pp. 313-20, (1995) ([PubMed](#)).