

## Product datasheet

# Recombinant human IL2 protein ab119439

### Overview

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<b>Product name</b>	Recombinant human IL2 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

<b>Accession</b>	<a href="#">P60568</a>
<b>Species</b>	Human
<b>Molecular weight</b>	16 kDa
<b>Amino acids</b>	21 to 153

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab119439** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot ELISA Functional Studies SDS-PAGE HPLC
<b>Endotoxin level</b>	< 0.100 Eu/μg
<b>Purity</b>	> 98 % SDS-PAGE. Purity >98% by SDS PAGE and HPLC sequence analysis.
<b>Form</b>	Lyophilised
<b>Additional notes</b>	Prior to reconstitution store at +4°C. >1 x 10 <sup>7</sup> units/mg as determined by dose-dependent stimulation of CTLL2 cells.

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Reconstitute with 0.1ml 0.1M acetic acid. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
<b>General Info</b>	
<b>Function</b>	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. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.
<b>Involvement in disease</b>	Note=A chromosomal aberration involving IL2 is found in a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(4;16)(q26;p13) with involves TNFRSF17.
<b>Sequence similarities</b>	Belongs to the IL-2 family.
<b>Cellular localization</b>	Secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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