

Product datasheet

Recombinant human IL-2 protein ab119439

1 References

Description

Product name	Recombinant human IL-2 protein
Biological activity	1 x 10 ⁷ units/mg
Purity	> 98 % SDS-PAGE. Purity >98% by SDS PAGE and HPLC sequence analysis.
Expression system	Escherichia coli
Accession	<u>P60568</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	15 kDa
Amino acids	21 to 153

Specifications

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.

Applications	Western blot ELISA Functional Studies SDS-PAGE HPLC
Form	Lyophilized
Additional notes	Endotoxin Level: <0.1 ng/ug Store at -20°C prior to reconstitution

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle. Reconstitute for long term storage.
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

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.

General Info

Function

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.

Involvement in disease

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.

Sequence similarities

Belongs to the IL-2 family.

Cellular localization

Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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