

Product datasheet

Recombinant human IL2 protein ab119439

Overview

Product name	Recombinant human IL2 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	P60568
Species	Human
Molecular weight	16 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
Endotoxin level	< 0.100 Eu/μg
Purity	> 98 % SDS-PAGE. Purity >98% by SDS PAGE and HPLC sequence analysis.
Form	Lyophilised
Additional notes	Prior to reconstitution store at +4°C. >1 x 10 ⁷ units/mg as determined by dose-dependent stimulation of CTLL2 cells.

Preparation and Storage

Stability and Storage	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.
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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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