

Product datasheet

Recombinant mouse IL13 protein ab51919

Overview

Product name	Recombinant mouse IL13 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Mouse
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Specifications

Our [Abpromise guarantee](#) covers the use of **ab51919** in the following tested applications.

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

Biological activity	The ED ₅₀ as determined by the dose-dependent stimulation of the proliferation of TF-1 cells was < 4.0 ng/ml, corresponding to a specific activity of > 2.5 x 10 ⁵ units/mg.
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Applications	Functional Studies SDS-PAGE
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Purity	> 95 % SDS-PAGE. >98% by SDS-PAGE and HPLC analysis.
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Form	Lyophilised
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Additional notes	The reconstituted solution can be diluted into other aqueous buffers and stored at 4°C for 1 week or at -20°C for future use.
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Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 10mM Sodium citrate, pH 4.0 Endotoxin level is <0.1 ng per µg of IL-13. This product is an active protein and may elicit a biological response in vivo, handle with caution.
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Reconstitution Centrifuge the vial prior to opening. Reconstitute in sterile distilled water to a concentration of 0.1-1.0 µg/µl (Note: Slow to dissolve).

General Info

Function Cytokine (PubMed:8096327, PubMed:8097324). Inhibits inflammatory cytokine production (PubMed:8096327). Synergizes with IL2 in regulating interferon-gamma synthesis (PubMed:8096327). May be critical in regulating inflammatory and immune responses (PubMed:8096327, PubMed:8097324). Positively regulates IL31RA expression in macrophages.

Involvement in disease Allergic rhinitis

Sequence similarities Belongs to the IL-4/IL-13 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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