

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

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.
----------------------------	--

Applications	Functional Studies SDS-PAGE
---------------------	--------------------------------

Purity	> 95 % SDS-PAGE. >98% by SDS-PAGE and HPLC analysis.
---------------	---

Form	Lyophilised
-------------	-------------

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.
-------------------------	---

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.
------------------------------	---

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"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors