

Product datasheet

Recombinant human IL-13 protein ab9577

Description

Product name	Recombinant human IL-13 protein
Purity	>= 98 % SDS-PAGE.
Endotoxin level	< 0.100 Eu/ μ g
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	15 kDa

Specifications

Our [Abpromise guarantee](#) covers the use of **ab9577** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Lyophilized
Additional notes	The ED ₅₀ , determined by the dose-dependant stimulation of the proliferation of human TF-1, cells is < 1.0 ng/ml, corresponding to a specific activity of > 1 x 10 ⁶ units/mg.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituent: 0.1% Trifluoroacetic acid This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Centrifuge vial prior to opening. Reconstitute in water to 0.5-1.0 mg/ml. Allow the reconstituted vial to sit at 4°C for 2 hours before use. Do not vortex.

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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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