

Product datasheet

Recombinant rat IL-13 protein ab51960

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Description

Product name	Recombinant rat IL-13 protein
Biological activity	The ED ₅₀ as determined by the dose-dependent stimulation of the proliferation of human TF-1 cells was typically 2-6 ng/ml.
Purity	> 95 % SDS-PAGE. >98% by SDS-PAGE and HPLC analysis.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Rat

Specifications

Our [Abpromise guarantee](#) covers the use of **ab51960** in the following tested applications.

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

Applications	SDS-PAGE Functional Studies
Form	Lyophilized
Additional notes	The reconstituted solution can be diluted into aqueous buffers and stored at 4°C for 1 week or –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 Endotoxin level is <0.1 ng per µg of IL13. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute in water to a concentration of 0.1-1.0 mg/ml.

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"

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