

Product datasheet

Recombinant pig IL13 protein ab87693

Overview

Product name	Recombinant pig IL13 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Yeast

Amino Acid Sequence

Species	Pig
Sequence	LTCFGGLASP GPVPPHSTAL KELIEELVNI TQNQKTPLCN GSMVWSVNL TSMYCAALES LINISDCSAIQKTQRMLSAL CSHKPPSEQV PGKHIRDTKI EVAQFVKDLL KHLRMIFRHG

Specifications

Our [Abpromise guarantee](#) covers the use of **ab87693** 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 biological activity of ab87693 was measured in a cell proliferation assay using the human TF1 cell line. The ED ₅₀ for this effect is typically 250 - 375 ng/mL.
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Applications	Functional Studies SDS-PAGE
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Purity	> 95 % SDS-PAGE. ab87693 is purified by Ion-exchange chromatography.
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Form	Lyophilised
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Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. Preservative: None Constituents: 10% Trehalose, 1X PBS This product is an active protein and may elicit a biological response in vivo, handle with caution.
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Reconstitution Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein. Reconstituted protein is stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

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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