

## Product datasheet

# Recombinant pig IL13 protein ab87693

### Overview

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<b>Product name</b>	Recombinant pig IL13 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Yeast

### Amino Acid Sequence

<b>Species</b>	Pig
<b>Sequence</b>	LTCFGGLASP GPVPPHSTAL KELIEELVNI TQNQKTPLCN GSMVWSVNL TSMYCAALES LINISDCSAIQKTQRMLSAL CSHKPPSEQV PGKHIRDTKI EVAQFVKDLL KHLRMIFRHG

### Specifications

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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.

<b>Biological activity</b>	The biological activity of ab87693 was measured in a cell proliferation assay using the human TF1 cell line. The ED <sub>50</sub> for this effect is typically 250 - 375 ng/mL.
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<b>Applications</b>	Functional Studies SDS-PAGE
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<b>Purity</b>	> 95 % SDS-PAGE. ab87693 is purified by Ion-exchange chromatography.
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<b>Form</b>	Lyophilised
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### Preparation and Storage

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<b>Stability and Storage</b>	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**

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**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.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
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