

# Product Information

## Recombinant Anti-Human IL13 Single Domain Antibody

Cat. No.: **MOM-18711**

This product is for research use only and is not intended for diagnostic use.

### Antigen Description

Interleukin 13 (IL-13) is a protein that in humans is encoded by the IL13 gene. IL-13 was first cloned in 1993 and is located on chromosome 5q31 with a length of 1.4kb. IL-13 and IL-4 exhibit a 30% of sequence similarity and have a similar structure. IL-13 is cytokine secreted by many cell types, but especially T helper type 2 (Th2) cells, that is a mediator of allergic inflammation and disease.

### Specific Activity

Tested positive against native human antigen.

### Target

IL13

### Immunogen

The details of the immunogen for this antibody are not available.

### Source

llama

### Species Reactivity

Human

### Type

llama VHH

### Expression Host

E.coli

### Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

## ANTIGEN GENE INFORMATION

### Gene Name

[IL13 interleukin 13 \[ Homo sapiens \]](#)

### Official Symbol

IL13

### Synonyms

ALRH; BHR1; P600; IL-13; interleukin-13; allergic rhinitis; Bronchial hyperresponsiveness-1 (bronchial asthma); Allergic rhinitis; NC30; Tralokinumab

**Gene ID**

[3596](#)

**mRNA Refseq**

[NM\\_002188.2](#)

**Protein Refseq**

[NP\\_002179.2](#)

**MIM**

[147683](#)

**UniProt ID**

P35225

**Chromosome Location**

5q31

**Pathway**

Asthma; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response; Fc epsilon RI signaling pathway; Glucocorticoid receptor regulatory network; IL12 signaling mediated by STAT4; Jak-STAT signaling pathway.

**Function**

Cytokine activity; Interleukin-13 receptor binding; Protein binding