

# Product Information

## Recombinant Anti-Human IL6R Single Domain Antibody

Cat. No.: **MOM-18714**

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

### Antigen Description

This is an antibody fragment consisting of a single monomeric variable antibody domain directed to IL6R. sdAb, with a molecular weight of only 12-15 kDa, is able to bind selectively to a specific antigen like a whole antibody.

### Specific Activity

Tested positive against native human antigen.

### Target

IL6R

### 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 the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

## ANTIGEN GENE INFORMATION

### Gene Name

[IL6R interleukin 6 receptor \[ Homo sapiens \]](#)

### Official Symbol

IL6R

### Synonyms

IL6R; interleukin 6 receptor; interleukin-6 receptor subunit alpha; CD126; IL-6R 1; CD126 antigen; membrane glycoprotein 80; IL-6 receptor subunit alpha; gp80; IL6RA; IL-6RA; IL-6R-1; MGC104991

### Gene ID

[3570](#)

**mRNA Refseq**

[NM\\_000565](#)

**Protein Refseq**

[NP\\_000556](#)

**MIM**

[147880](#)

**UniProt ID**

P08887

**Chromosome Location**

1q21

**Pathway**

Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Hematopoietic cell lineage; IL-6 Signaling Pathway; IL6-mediated signaling events; Immune System; Interleukin-6 signaling.

**Function**

Ciliary neurotrophic factor binding; Contributes\_to ciliary Neurotrophic factor receptor activity; Enzyme binding; Interleukin-6 binding; Contributes to interleukin-6 receptor activity; Contributes to interleukin-6 receptor binding; Protein binding; Protein homodimerization activity.