

# Cynomolgus/Rhesus IL23R / IL23 Receptor (Fc Tag) recombinant protein



Catalog Number: 502630

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus IL23R [ (Identical to the rhesus IL23R (F6XR82) ] (Met1-Asp353) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

1. Immobilized human IL23A-His+IL12B-His (Cat:CT012-H08H) at 10 µg/ml (100 µl/well) can bind Cynomolgus IL23R-Fc. The  $EC_{50}$  of Cynomolgus IL23R-Fc is 0.14-0.35 µg/ml.
2. Immobilized mouse mIL12Bh (m)+mIL23Ah (Cat:CT028-M08H) at 10 µg/ml (100 µl/well) can bind Cynomolgus IL23R-Fc (Cat:502630). The  $EC_{50}$  of Cynomolgus IL23R-Fc (Cat:502630) is 0.05-0.11 µg/ml.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gly 24

### Molecular Mass

The recombinant cynomolgus IL23R comprises 571 amino acids and has a calculated molecular mass of 64.9 KDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

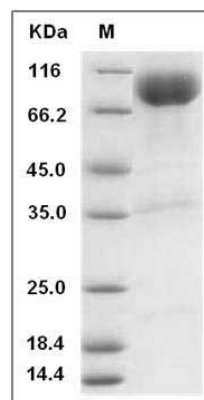
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Cynomolgus IL23R / IL23 Receptor Protein (Fc Tag) SDS-PAGE