

Rhesus CD219 / IL10RA (Fc Tag) recombinant protein



Catalog Number: 504750

General Information

Protein Construction

A DNA sequence encoding the rhesus IL10RA (XP_001092736.1) (Thr9-Asn245) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

Organism

Rhesus

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized Rhesus IL10RA-Fc (cat:504750) at 10 µg/ml (100 µl/well) can bind biotinylated human IL10 (Cat:500745), The EC₅₀ of biotinylated human IL10 (Cat:500745) is 39.0-92.0 ng/ml.

Purity

> 95 % 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

Phe 29

Molecular Mass

The recombinant rhesus IL10RA comprises 458 amino acids and has a calculated molecular mass of 51.8 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

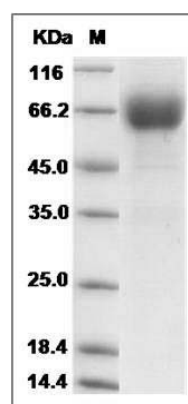
Storage

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 IL10RA Protein (Fc Tag) SDS-PAGE