# Cynomolgus IL-21R (Fc Tag) recombinant protein

Catalog Number: 504032



#### **General Information**

#### **Protein Construction**

A DNA sequence encoding the cynomolgus IL21R (XP\_005591578.1) (Met1-Pro236) was expressed with the Fc region of human IgG1 at the C-terminus. Cynomolgus and Rhesus IL21R sequences are identical.

# **Organism**

Cynomolgus

# **Expression Host**

**Human Cells** 

# **QC Testing**

# Activity

- 1. Measured by its binding ability in a functional ELISA.
- 2. Immobilized human IL21 (Cat:501827) at 10  $\mu$ g/mL (100  $\mu$ L/well) can bind Cynomolgus IL21R-Fc. The EC<sub>50</sub> of Cynomolgus IL21R-Fc is 0.11-0.25  $\mu$ g/mL.

#### **Purity**

> 90 % as determined by SDS-PAGE.

# **Endotoxin**

<1.0 EU per  $\mu g$  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

Cys 20

# **Molecular Mass**

The recombinant cynomolgus IL21R consists 458 amino acids and predicts a molecular mass of 52 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**

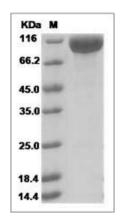
# **Storage**

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 / Rhesus IL21R / IL-21R Protein (Fc Tag) SDS-PAGE