# Cynomolgus IL-1R2/CD121b (Fc Tag) recombinant protein

Catalog Number: 502951



## **General Information**

## Gene Name Synonym

Uncharacterized protein

#### **Protein Construction**

A DNA sequence encoding the cynomolgus IL1R2 (Q8HXR9) (Met1-Glu343) was expressed, fused 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.

Immobilized Cynomolgus IL1R2-Fc at 10  $\mu$ g/ml (100  $\mu$ l/well) can bind biotinylated human IL1B-His (Cat:501519), The EC<sub>50</sub> of biotinylated human IL1B-His (Cat:501519) is 11.8-27.4 ng/ml.

#### **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

#### **Stability**

Samples are stable for up to twelve months from date of receipt at -70 $^{\circ}$ C

### Predicted N terminal

#### Phe 14

#### **Molecular Mass**

The recombinant cynomolgus IL1R2 is a disulfide-linked homodimer. The reduced monomer comprises 571 amino acids and has a calculated molecular mass of 64.7 KDa. The apparent molecular mass of the protein is approximately 75-89 KDa respectively in SDS-PAGE.

#### **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**

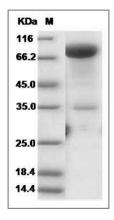
# **Storage**

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 IL1R2 / IL1RB Protein (Fc Tag) SDS-PAGE