

# Cynomolgus PD1/PDCD1/CD279 (Fc Tag) recombinant protein



Catalog Number: 502553

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus PDCD1 (NP\_001271065.1) (Met1-Gln167) 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.

Immobilized Cynomolgus CD274-His (Cat:504088) at 10 µg/ml (100 µl/well) can bind Cynomolgus PDCD1-Fc, The EC<sub>50</sub> of Cynomolgus PDCD1-Fc is 1.0-2.3µg/ml.

### Purity

> (6.3+91.2) % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg 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

Leu 25

## Molecular Mass

The recombinant cynomolgus PDCD1 consists 381 amino acids and predicts a molecular mass of 42.7 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

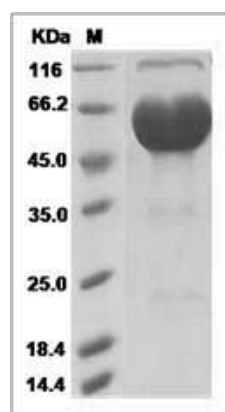
### Storage

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 PD1 / PDCD1 / CD279 Protein (Fc Tag) SDS-PAGE