

# Cynomolgus PD-L1/B7-H1/CD274 (His Tag) recombinant protein



Catalog Number: 504088

## General Information

### Gene Name Synonym

Uncharacterized protein

### Protein Construction

A DNA sequence encoding the cynomolgus/rhesus CD274 (F6VEW6) (Met1-Thr239) was expressed with a polyhistidine tag at the C-terminus. Cynomolgus and Rhesus CD274 sequences are identical.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized Cynomolgus CD274-His at 10 µg/ml (100 µl/well) can bind Cynomolgus PDCD1-Fc (Cat# 90311-C02H), The EC<sub>50</sub> of Cynomolgus PDCD1-Fc (Cat# 90311-C02H) is 1.0-2.3 µg/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 19

### Molecular Mass

The recombinant cynomolgus/rhesus CD274 comprises 232 amino acids and has a calculated molecular mass of 26.7 KDa. The apparent molecular mass of it is approximately 37 KDa 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

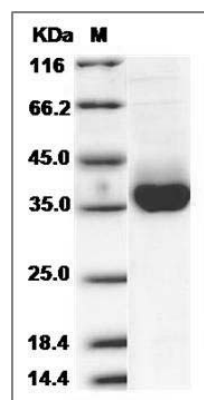
### Storage

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 / Rhesus PD-L1 / B7-H1 / CD274  
Protein (His Tag) SDS-PAGE