

# Cynomolgus B7-DC/PD-L2/CD273 (Fc Tag) recombinant protein



Catalog Number: 502301

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus PDCD1LG2(A4GW30) (Met1-Pro219) 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 human PD1-His (Cat:503606) at 10 µg/ml (100 µl/well) can bind Cynomolgus PDCD1LG2-Fc (Cat:502301), The  $EC_{50}$  of Cynomolgus PDCD1LG2-Fc is 30.0-75.0 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

Leu 20

### Molecular Mass

The recombinant cynomolgus PDCD1LG2 is a disulfide-linked homodimer. The reduced monomer comprises 441 amino acids and has a calculated molecular mass of 49.6 KDa. The apparent molecular mass of the protein is approximately 66 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

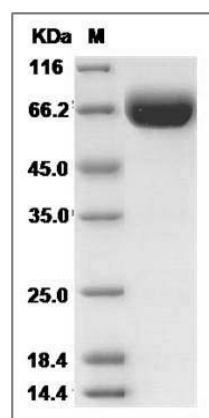
### Storage

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 B7-DC / PD-L2 / CD273 Protein (Fc Tag) SDS-PAGE