

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



Catalog Number: 500193

General Information

Gene Name Synonym

Uncharacterized protein

Protein Construction

A DNA sequence encoding the cynomolgus CD274 (F6VEW6) (Met1-Thr239) 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 CD274-Fc (cat:500193), The EC₅₀ of Cynomolgus CD274-Fc (cat:500193) is 0.5-1.3 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 CD274 comprises 462 amino acids and has a calculated molecular mass of 52.3 KDa. The apparent molecular mass of the protein is approximately 62-68 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

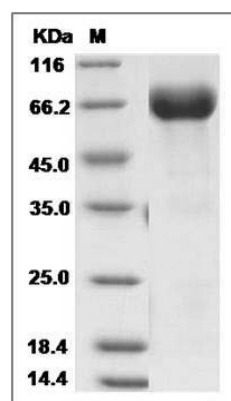
Storage

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