

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



Catalog Number: 504290

General Information

Protein Construction

A DNA sequence encoding the cynomolgus PDCD1LG2 (A4GW30) (Met1-Pro219) was expressed with a polyhistidine tag at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized Cynomolgus PDCD1LG2-His (Cat:504290) at 10 µg/ml (100 µl/well) can bind human PD1-Fc (Cat:500741), The EC₅₀ of human PD1-Fch (Cat:500741) is 0.09-0.21 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

Leu 20

Molecular Mass

The recombinant cynomolgus PDCD1LG2 comprises 211 amino acids and has a calculated molecular mass of 24 KDa. The apparent molecular mass of it is approximately 37-43 KDa in SDS-PAGE under reducing conditions.

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

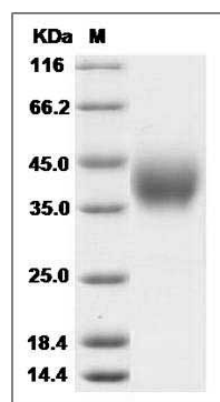
Storage

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 (His Tag) SDS-PAGE