

Human B7-DC / PD-L2 / CD273 / PDCD1LG2 Protein (Fc Tag)

Catalog Number: 10292-H02H



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

B7DC, CD273, PDCD1L2, PDL2

Protein Construction:

A DNA sequence encoding the human PDCD1LG2 (NP_079515.2) (Met1-Pro219) was expressed with the Fc region of human IgG1 at the C-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Bio-Activity:

1. Measured by its binding ability in a functional ELISA.
2. Immobilized human PD1-His (Cat:10377-H08H) at 10 µg/mL (100 µL/well) can bind human PDCD1LG2-Fc. The EC50 of PDCD1LG2-Fc is 0.05-0.12 µg/mL.

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 20

Molecular Mass:

The recombinant human PDCD1LG2 consists 438 amino acids and predicts a molecular mass of 49.3 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

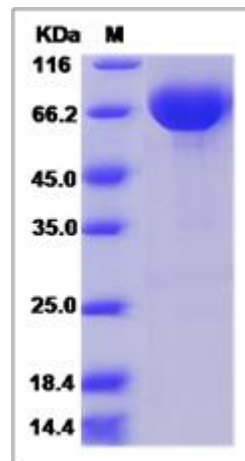
Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.