

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



Catalog Number: 501979

General Information

Gene Name Synonym

B7 homolog 1

Protein Construction

A DNA sequence encoding the human CD274 (NP_054862.1) (Met1-Thr239) was expressed with the Fc region of mouse IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit anti-CD3 antibody induced IFN γ secretion in human T lymphocytes.

The ED₅₀ for this effect is 2-10 μ g/mL.

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μ g 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 human CD274 consists of 455 amino acids and predicts a molecular mass of 51.7 kDa.

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.