

# Mouse PD-L1/B7-H1/CD274 (His Tag) recombinant protein



Catalog Number: 501093

## General Information

### Gene Name Synonym

PD-L1

### Protein Construction

A DNA sequence encoding the mouse CD274 (NP\_068693.1) extracellular domain (Met 1-Thr 238) was fused with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse PD1-L1 at 1 µg/ml (100 µl/well) can bind mouse PD1 with a linear range of 6.25-400 ng/ml.

### Purity

> 98 % 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 secreted recombinant mouse CD274 comprises 231 amino acids and has a predicted molecular mass of 26.3 kDa. As a result of glycosylation, it migrates as an approximately 40-45 kDa band 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

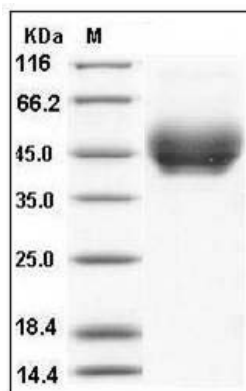
### Storage

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



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