

# Mouse B7-H3/CD276 (His Tag) recombinant protein



Catalog Number: 500031

## General Information

### Protein Construction

A DNA sequence encoding the mouse CD276 (NP\_598744.1) (Met1-Phe244) was expressed with a C-terminal polyhistidine tag. The purified protein was biotinylated in vitro.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Val 29

### Molecular Mass

The recombinant mouse CD276 comprises 227 amino acids and has a predicted molecular mass of 24.9 kDa. The apparent molecular mass of the

protein is approximately 40.9 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

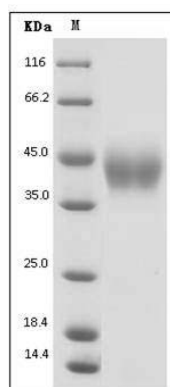
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 CD276 / B7-H3 Protein (His Tag), Biotinylated