

# Rat PD1/PDCD1/CD279 (His Tag) recombinant protein



Catalog Number: 503793

## General Information

### Gene Name Synonym

Protein LOC100911478

### Protein Construction

A DNA sequence encoding the rat PDCD1 (NP\_001100397.1) (Met1-Gln167) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized rat PDCD1-His at 10 µg/ml (100 µl/well) can bind rat CD274-Fc(Cat#80450-R02H). The EC<sub>50</sub> of rat CD274-Fc(Cat#80450-R02H) is 40-80ng/ml.

### Purity

> 95 % as determined by SDS-PAGE.

### 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 25

## Molecular Mass

The recombinant rat PDCD1 consists 154 amino acids and predicts a molecular mass of 17.7 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

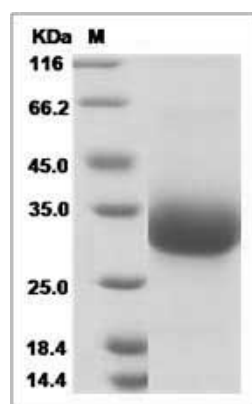
### Storage

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.

## SDS-PAGE



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