

# Recombinant Mouse PD-1/PDCD1/CD279 Protein

Catalog No.: RP01170 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	18566	Q02242

### Tags

C-His

### Synonyms

CD279;mPD-1;SLEB2;PDCD1;PD1;PD1/C  
D279/PDCD1;CD279;mPD-1;SLEB2;PDCD  
1;PD1;PD1/CD279/PDCD1

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL  
method.

### Formulation

Lyophilized from a 0.22 μm filtered  
solution of PBS, pH 7.4. Contact us for  
customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening.  
Reconstitute to a concentration of  
0.1-0.5 mg/mL in sterile distilled water.  
Avoid vortex or vigorously pipetting the  
protein. For long term storage, it is  
recommended to add a carrier protein or  
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%  
FBS or 5% Trehalose), and aliquot the  
reconstituted protein solution to  
minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Recombinant Mouse PD-1/PDCD1/CD279 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu25-Gln167) of mouse PD-1 (Accession #NP\_032824.1) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

#### Storage

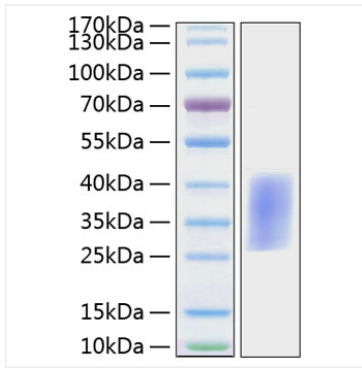
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Mouse PD-1/PDCD1/CD279 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 28-44 kDa..