

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

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

Immobilized Recombinant Mouse PD-1 (Catalog: RP01170) at 1 ug/mL (100uL/well) can bind Anti-mouse PD-1 (CD279) with a linear range of 4.11-75.65 ng/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by SDS-PAGE.

Calculated MW

16.99 kDa

Observed MW

25-40 kDa

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.

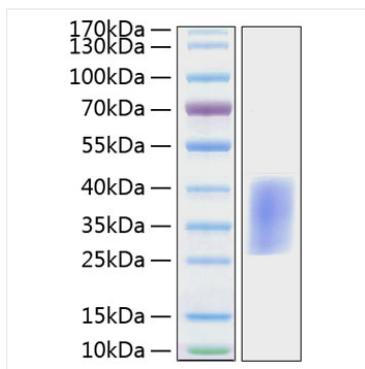
Reconstitution

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.

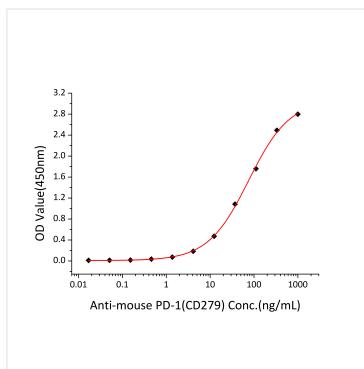
Contact

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	cn.market@abclonal.com.cn
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Validation Data



Recombinant Mouse PD-1/PDCD1/CD279
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.



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