# Recombinant Cynomolgus B7-H1/PD-L1/CD274 Protein

**Catalog No.: RP02471**

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## Sequence Information

| Species | Gene ID |
|---|---|
| Cynomolgus | 102145573 |
| **Swiss Prot** | **Tags** |
| G7PSE7 | C-hFc |

**Synonyms**

CD274 antigenMGC142294, CD274 molecule, CD274,PDL1, PD-L1, PD-L1B7 homolog 1,B7-H, B7H1, B7-H1, B7H1PDCD1L1,? PDCD1L1, PDCD1LG1, PDCD1LG1MGC142296,? PDL1PDCD1 ligand 1, programmed cell death 1 ligand 1, Programmed death ligand 1, PDL1

## Product Information

| Source | Purification |
|---|---|
| HEK293 cells | ≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC. |
| **Calculated MW** | **Observed MW** |
| 52 kDa | 60-70 kDa |

**Endotoxin**

< 1 EU/μg of the protein by LAL method.

**Formulation**

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

**Reconstitution**

Centrifuge the tube 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the

## Background

## Basic Information

**Description**

Recombinant Cynomolgus PD-L1 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Phe19-Arg238) of Cynomolgus PD-L1 fused with a hFc tag at the C-terminal.

**Activity**

**Shipping**

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

**Storage**

Store at -20℃

**Operational Notes**

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

**Contact**

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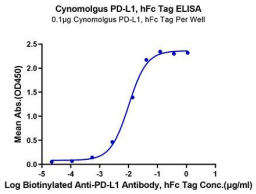
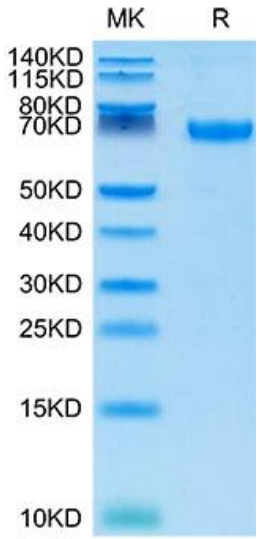
reconstituted protein solution to minimize free-thaw cycles.

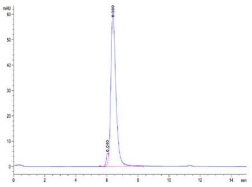
## Validation Data




Immobilized Cynomolgus PD-L1, hFc Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Anti-PD-L1 Antibody, hFc Tag with the $EC_{50}$ of 10.0 ng/ml determined by ELISA.




Recombinant Cynomolgus B7-H1/PD-L1/CD274 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Cynomolgus PD-L1 is greater than 95% as determined by SEC-HPLC.