

RP02473

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Biotinylated Recombinant Human B7-H1/PD-L1/CD274 Protein

Catalog No.: RP02473

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	29126	Q9NZQ7

Tags

C-His&Avi

Synonyms

B7-H; B7H1; PDL1; PD-L1; hPD-L1; PDCD1L1; PDCD1LG1; CD274; PDL1; B7H1; PD-L1; PDCD1L1; PDCD1LG1; B7-H; CD274 molecule

Product Information

Source

HEK293 cells

Purification

> 95% by Tris-Bis PAGE; > 95% by SEC-HPLC

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Biotinylated Recombinant Human PD-L1 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Phe19-Arg238) of Human PD-L1 fused with His tag and Avi tag at the C-terminal.

Bio-Activity

Immobilized Biotinylated Human PD-L1 at 0.5 μg/mL (100 μL/Well). Dose response curve for Anti-PD-L1 Ab with the EC₅₀ of 11.3 ng/mL determined by ELISA.

Storage

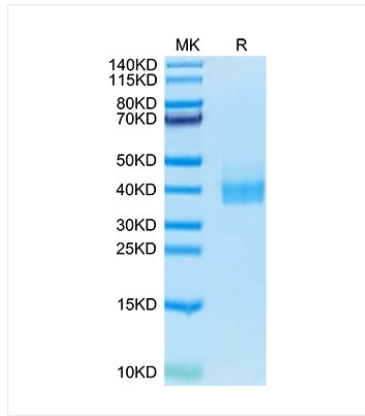
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

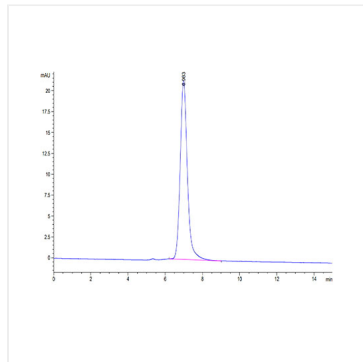


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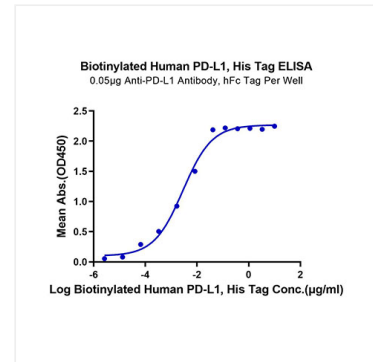
Validation Data



Biotinylated Human PD-L1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Anti-PD-L1 Antibody, hFc Tag at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Biotinylated Human PD-L1, His Tag with the EC₅₀ of 2.8ng/ml determined by ELISA.