

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

Catalog No.: RP02470

Sequence Information

Species **Gene ID**
 Cynomolgus 102145573

Swiss Prot **Tags**
 G7PSE7 C-His

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 MWObserved MW

26 kDa 35-45 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 stabilizer (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 His 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°C

Operational Notes

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

Contact

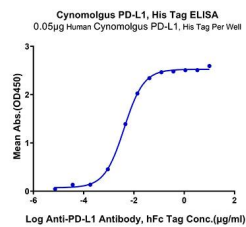
☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

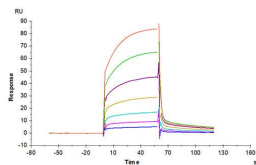
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reconstituted protein solution to
minimize free-thaw cycles.

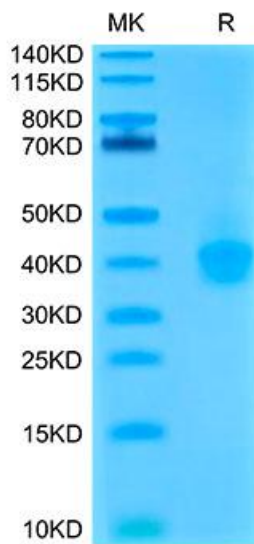
Validation Data



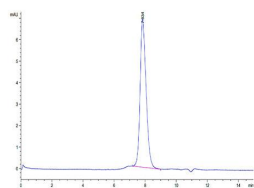
Immobilized Cynomolgus PD-L1, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-PD-L1 Antibody, hFc Tag with the EC₅₀ of 4.1ng/ml determined by ELISA.



Cynomolgus PD-1, hFc Tag captured on CM5 Chip via Protein A can bind Cynomolgus PD-L1, His Tag with an affinity constant of 1.28 µM as determined in SPR assay (Biacore T200).



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.