Biotinylated Recombinant Cynomolgus / Rhesus macaque CD274 protein, His and Avi tagged

Cat. No. CD274-0619C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus / Rhesus macaque CD274 Protein (19-238aa), was expressed in HEK293 with His tag and Avi tag, and biotinylated conjugate.
Species	Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	19-238 aa
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Cynomolgus / Rhesus macaque PD-L1, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human PD-1, Fc Tag, low endotoxin with a linear range of 0.3-2 ng/mL. Immobilized Biotinylated Cynomolgus / Rhesus macaque PD-L1, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Cynomolgus PD-1, Fc Tag with a linear range of 0.3-5 ng/mL. Immobilized Biotinylated Cynomolgus / Rhesus macaque PD-L1, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Anti-PD-L1 Neutralizing Antibody with a linear range of 0.1-3 ng/mL. Immobilized Anti-PD-L1 Neutralizing Antibody at 1 μg/mL (100 μL/well) can bind Biotinylated Cynomolgus / Rhesus macaque PD-L1, His,Avitag with a linear range of 0.2-10 ng/mL.

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Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 28.8 kDa. The protein migrates as 32-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Phe19-Arg238
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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