

Active Recombinant Cynomolgus PDCD1 protein(Met1-Gln167), hFc&Avi-tagged, Biotinylated

Cat. No. PDCD1-1003C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus PDCD1 (NP_001271065.1) (Met1-Gln167) was expressed in HEK293 with a C-terminal Fc region of Human IgG1 tag followed by an AVI tag.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Gln167
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Cynomolgus CD274 His at 2 µg/mL (100 µL/well) can bind Cynomolgus PD-1 (hFc & AVI Tag), Biotinylated, the EC50 is 30-180 ng/mL.
Molecular Mass	The recombinant Cynomolgus PDCD1 consists of 396 amino acids and predicts a molecular mass of 44.5 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. 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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