

Active Recombinant Rhesus PD1 protein(Met1-Gln167), hFc-tagged

Cat. No. PDCD1-1221R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus PD1 (NP_001107830.1) (Met1-Gln167) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Gln167
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 Human PD-L1 His at 2 µg/ml (100 µl/well) can bind Rhesus PD-1 hFc, the EC50 of Rhesus PD-1 hFc is 40-160 ng/mL.
Molecular Mass	The recombinant rhesus PD1 consists 381 amino acids and predicts a molecular mass of 42.7 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
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

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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.

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