

Active Recombinant Rhesus PDCD1 protein(Met1-Gln167), hFc-tagged

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

SPECIFICATION

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| Product Overview | Recombinant Rhesus PDCD1 (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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