

Active Recombinant Canine PDCD1 protein(Met1-Leu169), hFc-tagged

Cat. No. PDCD1-1057C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine PDCD1 (XP_543338.3) (Met1-Leu169) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	Met1-Leu169
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 PD-1 Protein, Canine, Recombinant (hFc Tag) at 2 µg/mL (100 µL/well) can bind PD-L1 Protein, Canine, Recombinant (hFc Tag), Biotinylated, the EC50 is 300-1200 ng/mL.
Molecular Mass	The recombinant Canine PDCD1 consists 383 amino acids and predicts a molecular mass of 43 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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.

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