

## Active Recombinant Canine PDCD1 protein, His-tagged

Cat. No. PDCD1-384C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine PDCD1 protein(XP_022265285.1)(Met1-Leu169), fused with His tag, was expressed in HEK293.
<b>Species</b>	Canine
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu169
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to bind biotinylated human B7-H1-Fc in functional ELISA.
<b>Molecular Mass</b>	The recombinant canine PDCD1 consists of 156 amino acids and predicts a molecular mass of 17.7 kDa. As a result of glycosylation, it migrates as an approximately 34.88 and 65.02 kDa band in SDS-PAGE under reducing conditions, corresponding to the monomer and homodimer.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 85 % as determined by SDS-PAGE.
<b>Storage</b>	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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