

## Recombinant Human PDCD1 protein, His-Fc-tagged, Biotinylated

**Cat. No.** PDCD1-3244HB    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PDCD1 protein (NP_005009.2) (Met1-Gln167), fused with the polyhistidine tagged Fc region of human IgG1 at the C-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-167 a.a.
<b>Predicted N Terminal</b>	Leu 25
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	The recombinant human PDCD1 consists of 390 amino acids and predicts a molecular mass of 43.8 kDa. As a result of glycosylation, it migrates as an approximately 61 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % 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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping**

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

**Conjugation**

Biotin

## GENE INFORMATION

**Gene Name**

[PDCD1 programmed cell death 1 \[ Homo sapiens \]](#)

**Official Symbol**

[PDCD1](#)

**Synonyms**

PDCD1; programmed cell death 1; programmed cell death protein 1; CD279; PD1; protein PD-1; PD-1; SLEB2; hPD-1; hPD-I;

**Gene ID**

[5133](#)

**mRNA Refseq**

[NM\\_005018](#)

**Protein Refseq**

[NP\\_005009](#)

**MIM**

[600244](#)

**UniProt ID**

[Q15116](#)

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