

Active Recombinant Mouse Pdcd1 protein, His-tagged

Cat. No. Pdcd1-823M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pdcd1 protein(NP_032824.1)(Met1-Gln167), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gln167
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to bind PD-L1 Protein, Mouse, Recombinant (ECD, hFc Tag) in a functional ELISA.
Molecular Mass	The secreted recombinant mouse PDCD1 consists of 154 amino acids and has a predicted molecular mass of 17.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of mouse PDCD1 is approximately 40-45 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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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 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.

GENE INFORMATION

Gene Name [Pdc1 programmed cell death 1 \[Mus musculus \]](#)

Official Symbol [Pdc1](#)

Synonyms PDCD1; programmed cell death 1; programmed cell death protein 1; mPD-1; protein PD-1; PD-1; Pdc1; Ly101;

Gene ID [18566](#)

mRNA Refseq [NM_008798](#)

Protein Refseq [NP_032824](#)

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