

Active Recombinant Mouse Pdcd1 protein(Met1-Gln167), hFc-tagged

Cat. No. Pdcd1-160M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PDCD1 (NP_032824.1) (Met1-Gln167) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
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	Measured by its ability to bind PD-L2 Protein, Human, Recombinant (His & hFc Tag) in a functional ELISA.
Molecular Mass	The recombinant mouse PDCD1 consists of 381 amino acids and predicts a molecular mass of 42.9 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. 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.

GENE INFORMATION

Gene Name	Pdcd1 programmed cell death 1 [Mus musculus]
Official Symbol	Pdcd1
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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