

Active Recombinant Mouse PDCD1 protein, mFc-tagged

Cat. No. PDCD1-369M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PDCD1 protein(Ser 21 - Gln 167), fused with mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ser 21 - Gln 167
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Mouse PD-L1, Fc Tag at 5 µg/mL (100 µL/well) can bind Mouse PD-1, Mouse IgG2a Fc Tag with a linear range of 0.078-0.313 µg/mL. Immobilized Mouse PD-L2, Fc Tag at 5 µg/mL (100 µL/well) can bind Mouse PD-1, Mouse IgG2a Fc Tag with a linear range of 0.078-0.625 µg/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminusThe protein has a calculated MW of 43.7 kDa. The protein migrates as 55-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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	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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