

Active Recombinant Mouse Pdcd1lg2 protein, His-tagged

Cat. No. Pdcd1lg2-7001M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pdcd1lg2 protein(Leu 20 - Arg 219), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Leu 20 - Arg 219
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Biotinylated Human PD-1, Fc Tag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.2 µg/well) plate, can bind Mouse PD-L2, His Tag with a linear range of 20-156 ng/mL. Immobilized Mouse PD-L2, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse PD-1, Fc,Avitag with a linear range of 0.156-2.5 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 24.4 kDa. The protein migrates as 37-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or 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	Pdcd1lg2 programmed cell death 1 ligand 2 [<i>Mus musculus</i>]
Official Symbol	Pdcd1lg2
Synonyms	PDCD1LG2; programmed cell death 1 ligand 2; PD-1 ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; butyrophilin-like protein; programmed death ligand 2; Btdc; B7-DC; PD-L2; F730015O22Rik; MGC124039; MGC124040;
Gene ID	58205
mRNA Refseq	NM_021396
Protein Refseq	NP_067371

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