

Active Recombinant Rat PDCD1 protein, His-tagged

Cat. No. PDCD1-982R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat PDCD1 protein(Leu 25 - Gln 167), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Leu 25 - Gln 167
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Rat PD-1, His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human PD-L1, Mouse IgG2a Fc,Avitag with a linear range of 0.02-0.313 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 18.1 kDa. The protein migrates as 30-44 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 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 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

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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	Pdcd1 programmed cell death 1 [Rattus norvegicus]
Official Symbol	PDCD1
Synonyms	PDCD1; programmed cell death 1; programmed cell death protein 1;
Gene ID	301626
mRNA Refseq	NM_001106927
Protein Refseq	NP_001100397

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