

Active Recombinant Mouse Pdcd1 protein, hFc-tagged, Biotinylated, Low Endotoxin

Cat. No. Pdcd1-206M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse Pdcd1 protein(Primary Amine Labeling)(NP_032824)(25-167 aa), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	25-167 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Mouse PD-L1, His Tag captured on CM5 Chip via anti-his antibody can bind Biotinylated Mouse PD-1, hFc Tag with an affinity constant of 3.35 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 42.9 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.

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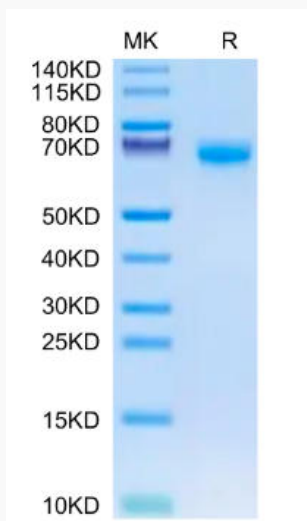
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	Pdc1 programmed cell death 1 [<i>Mus musculus</i>]
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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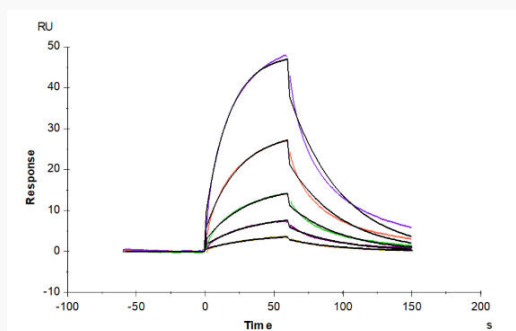
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Bis-Tris PAGE



SPR Data



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