

Active Recombinant Mouse Cd274 protein, hFc-tagged, Low Endotoxin

Cat. No. CD274-4632M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd274 protein(NP_068693)(19-238 aa), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	19-238 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human PD-1, His Tag captured on CM5 Chip via anti-his antibody can bind Mouse PD-L1, hFc Tag with an affinity constant of 23.90 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 51.5 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
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

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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 [Cd274 CD274 antigen \[Mus musculus \]](#)

Official Symbol [Cd274](#)

Synonyms CD274; CD274 antigen; programmed cell death 1 ligand 1; B7 homolog 1; PDCD1 ligand 1; programmed death ligand 1; B7h1; Pdl1; Pdcd1l1; Pdcd1lg1; A530045L16Rik;

Gene ID [60533](#)

mRNA Refseq [NM_021893](#)

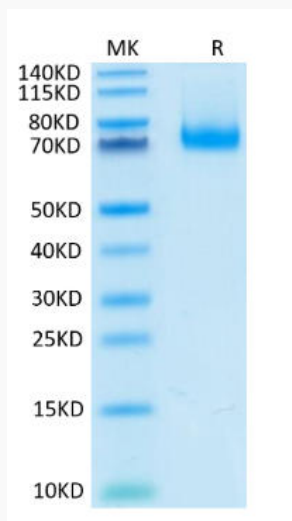
Protein Refseq [NP_068693](#)

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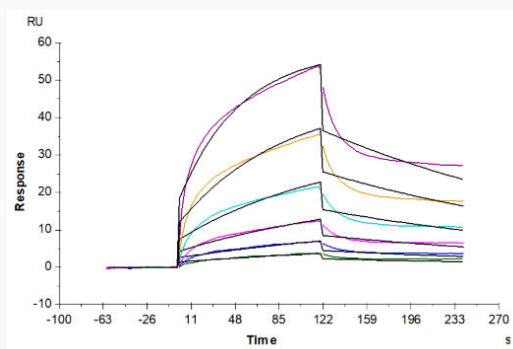
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Bis-Tris PAGE



SPR Data



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