

Recombinant Mouse CD274 protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse CD274 Protein (NP_068693, 19-238aa), was expressed in HEK293 with C-terminal hFc tag.
Species	Mouse
Source	HEK293
ProteinLength	19-238 aa
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% 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 92.49 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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

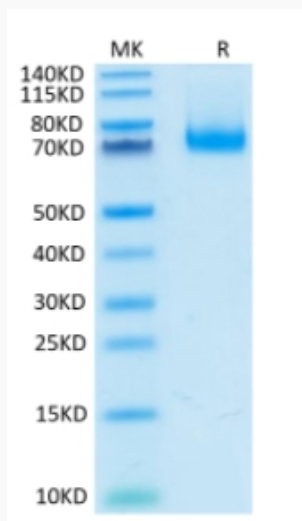
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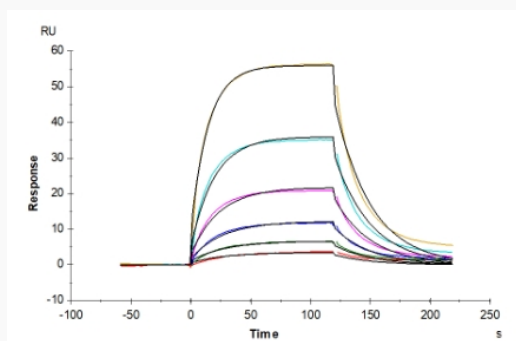
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	Cd274 CD274 antigen [<i>Mus musculus</i>]
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; Pdc1l1; Pdc1lg1; A530045L16Rik;
Gene ID	60533
mRNA Refseq	NM_021893
Protein Refseq	NP_068693

Tris-Bis PAGE



SPR Data



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