

# Recombinant Mouse Cd274 protein, His-tagged, Biotinylated, Primary Amine Labeling

**Cat. No.** Cd274-6854M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cd274 Protein (NP_068693, 19-238aa), was expressed in HEK293 with C-terminal His tag and primary amine labeling biotinylated conjugate.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	19-238 aa
<b>Tag</b>	C-His
<b>Conjugation/Label</b>	Biotinl; Primary Amine Labeling
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	Biotinylated Mouse PD-L1, His Tag captured on CM5 Chip via anti-his antibody can bind Mouse PD-1 , hFc Tag with an affinity constant of 0.31 uM as determined in SPR assay (Biacore T200).
<b>Molecular Mass</b>	The protein has a predicted MW of 25.9 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

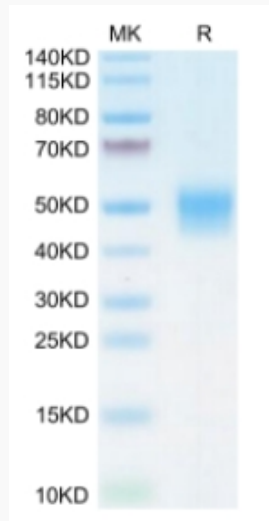
<b>Gene Name</b>	<a href="#">Cd274 CD274 antigen [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Cd274</a>
<b>Synonyms</b>	CD274; CD274 antigen; programmed cell death 1 ligand 1; B7 homolog 1; PDCD1 ligand 1; programmed death ligand 1; B7h1; Pdl1; Pcd111; Pcd11g1; A530045L16Rik;
<b>Gene ID</b>	<a href="#">60533</a>
<b>mRNA Refseq</b>	<a href="#">NM_021893</a>
<b>Protein Refseq</b>	<a href="#">NP_068693</a>

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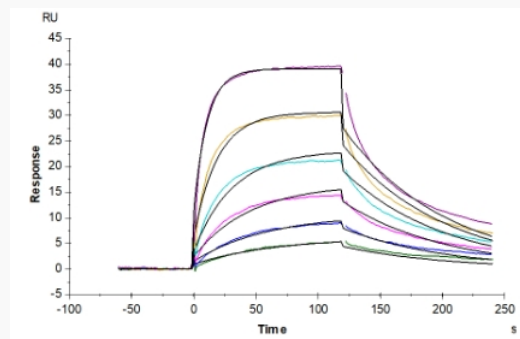
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**Tris-Bis PAGE**



**SPR Data**



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