

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

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

SPECIFICATION

Product Overview	Recombinant Mouse Cd274 Protein (NP_068693, 19-238aa), was expressed in HEK293 with C-terminal His tag and primary amine labeling biotinylated conjugate.
Species	Mouse
Source	HEK293
ProteinLength	19-238 aa
Tag	C-His
Conjugation/Label	Biotinl; Primary Amine Labeling
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	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).
Molecular Mass	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.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	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.
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.
Conjugation	Biotin

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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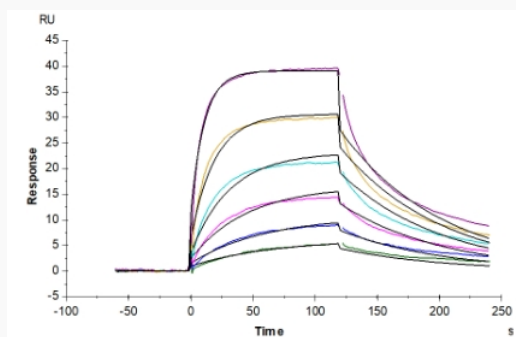
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Tris-Bis PAGE



SPR Data



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