

Active Recombinant Mouse Cd274 protein, mFc-tagged

Cat. No. Cd274-359M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd274 Protein (19-238aa), was expressed in HEK293 with C-terminal mFc tag.
Species	Mouse
Source	HEK293
ProteinLength	19-238 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Rat PD-1, His Tag at 2 µg/mL (100 µL/well) can bind Mouse PD-L1, Mouse IgG2a Fc Tag, low endotoxin with a linear range of 20-625 ng/mL. Immobilized Mouse PD-L1, Mouse IgG2a Fc Tag, low endotoxin at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse PD-1, Fc,Avitag with a linear range of 0.313-5 µg/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminusThe protein has a calculated MW of 51.8 kDa. The protein migrates as 65-85 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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.

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; Pdc1l1; Pdc1lg1; A530045L16Rik;

Gene ID 60533

mRNA Refseq NM_021893

Protein Refseq NP_068693

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