

Active Recombinant Mouse Cd274 protein(Met1-His239), hFc-tagged

Cat. No. Cd274-821M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd274 Protein (NP_068693.1, 1-239aa), was expressed in HEK293 with C-terminal human IgG1 Fc tag.
Species	Mouse
Source	HEK293
ProteinLength	1-239 aa
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA.2.Immobilized human PD1-His at 10µg/mL (100µL/well) can bind mouse CD274-Fc, the EC50 of mouse CD274-Fc is 0.1-0.6µg/mL.
Molecular Mass	The recombinant mouse Cd274 consists 459 amino acids and predicts a molecular mass of 51.6 kDa. As a result of glycosylation, it migRates as an approximately 74.3 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid 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.

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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