

Active Recombinant Mouse CD274, MlgG2a Fc-tagged

Cat. No. CD274-188M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD274 [B7-H1] Protein extracellular domain (NP_068693.1, 19-237aa), was expressed in CHO cell with N-terminal mouse IgG2a Fc tag.
Species	Mouse
Source	CHO
ProteinLength	19-237 aa
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated mouse T cells.
Molecular Mass	53 KDa
AA Sequence	Phe19-Arg237
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="" test="">
Purity	≥98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

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

Pathway Adaptive Immune System, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Costimulation by the CD28 family, organism-specific biosystem; Immune System, organism-specific biosystem; PD-1 signaling, organism-specific biosystem;

Function protein binding; receptor activity;

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