

Active Recombinant Human CD274 Protein, Fc & Avi-tagged, Biotinylated

Cat. No. CD274-27H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human CD274 Protein(Q9NZQ7) is produced by our Mammalian expression system and the target gene encoding Phe19-Thr239 is expressed with a human IgG1 Fc, Avi tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	19-239 aa
Conjugation/Label	Biotin
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Bio-activity	Immobilized Recombinant Human PD-1 (C-mFc) at 2 µg/ml (100 µl/well) can bind Biotinylated Human PD-L1 (C-Fc-Avi). The ED50 of Human Biotinylated Human PD-L1 (C-Fc-Avi) is 4.32 ng/ml.
Molecular Mass	54.2 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.

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Storage Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.

Reconstitution Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100\mu\text{g/ml}$. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name [CD274 CD274 molecule \[Homo sapiens \]](#)

Official Symbol [CD274](#)

Synonyms CD274; CD274 molecule; CD274 antigen , PDCD1LG1, programmed cell death 1 ligand 1; programmed cell death 1 ligand 1; B7 homolog 1; B7 H; B7 H1; B7H1; PD L1; PDL1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1; B7-H; PD-L1; PDCD1L1; PDCD1LG1; MGC142294; MGC142296;

Gene ID [29126](#)

mRNA Refseq [NM_014143](#)

Protein Refseq [NP_054862](#)

MIM [605402](#)

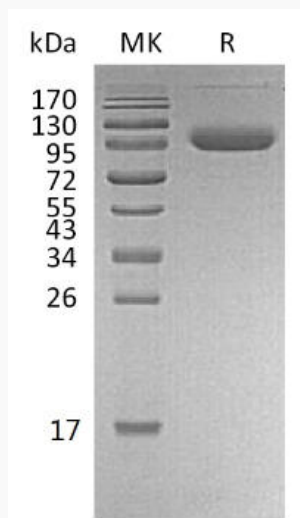
UniProt ID [Q9NZQ7](#)

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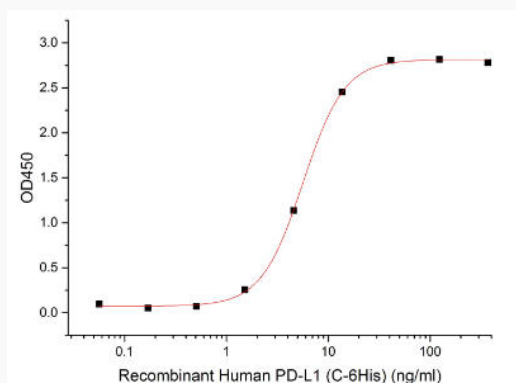
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SDS-PAGE



ELISA Data



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